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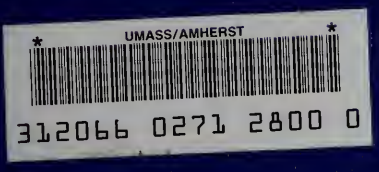

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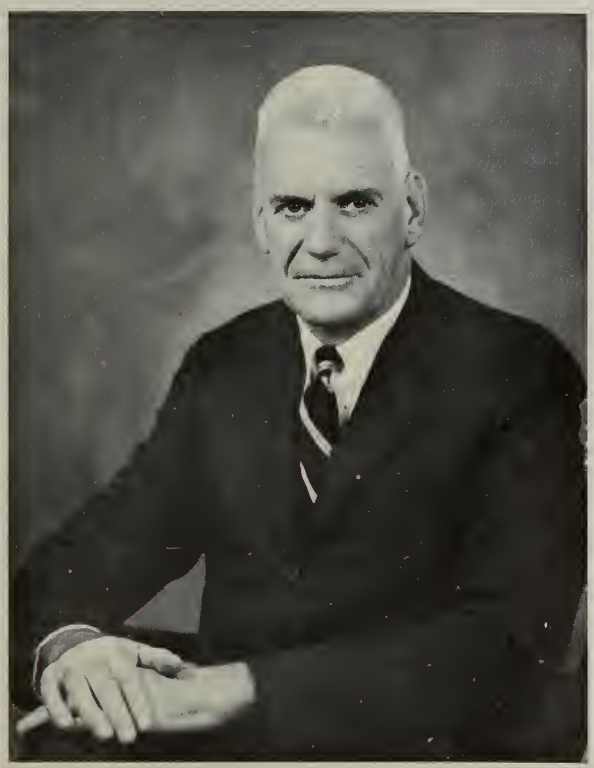
AGRICULTURAL STATISTICS

1973

MASSACHUSETTS



FOREWORD

We are pleased to publish the second edition of the Massachusetts Agricultural Statistical Bulletin. There have been some changes in format from the 1972 edition and some additional information included, which we hope will make this edition easier to use and more helpful. I am sure that as the years go by this publication will become more and more important to our legislators, extension workers, farmers and all others who are interested in one of the Commonwealth's basic industries.

I wish to acknowledge with thanks the help of Byron S. Peterson, Agricultural Statistician-in-Charge, Statistical Reporting Service of the United States Department of Agriculture and his staff, whose help made this publication possible.

Nathan Chandler

Nathan Chandler, Commissioner
Massachusetts Department of Agriculture

INTRODUCTION

The 1972 issue of Massachusetts Agricultural Statistics contained the complete historic series, some extending back to 1866. Persons having need for the more complete record shown in that publication may request a copy from either the Massachusetts Department of Agriculture or the New England Crop Reporting Service.

The 1973 issue of Massachusetts Agricultural Statistics updates data in the 1972 issue and includes revisions made following the 1970 U.S. Census of Agriculture. All estimates from 1965 forward in the 1972 issue are subject to revision. For those years, users should refer to data in the 1973 issue.

Included in the 1973 issue are selected data from the U.S. Census of Agriculture as published by the Bureau of the Census, U.S. Department of Commerce.

MASSACHUSETTS

AGRICULTURAL STATISTICS

Compiled by

New England Crop and Livestock Reporting Service

Byron S. Peterson, Agricultural Statistician-in-Charge
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-Cooperating-

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June 1973

ACKNOWLEDGMENTS

All members of the staff of the New England Crop and Livestock Reporting Service assisted in the preparation of this bulletin. Overall planning and coordination was under the supervision of Charles J. Koines. Carroll G. Rock assumed major responsibility for content and format. Typing was performed by Ruth M. Harrington and Lorraine R. Sieve.

The staff of the Massachusetts Department of Agriculture actively cooperated in providing data and in making constructive suggestions for improvements in the bulletin. Guy L. Paris, Assistant Director, Division of Markets, coordinated the contributions of the Massachusetts Department of Agriculture.

The entire program of agricultural statistics depends upon a wide range of data supplied voluntarily to the Crop and Livestock Reporting Service by farmers and businessmen. Prominent among business firms who supply data are Massachusetts fruit and vegetable processors, hatcherymen, nursery and greenhouse operators and dairy product manufacturers. Prices farmers receive for commodities are reported by farm product buyers and retail merchants report prices farmers pay tor goods used in farm production and for family living. State regulatory agencies also are an important source of data used in preparing estimates included in this bulletin. Of key importance in the entire program are the hundreds of Massachusetts farmers who supply acreage, yield and production of crops and livestock inventories, production and marketings for their own farms. Many reporters, both businessmen and farmers, have a long history of voluntary reporting with their only compensation being the satisfaction of participating in an important public service.

Byron S. Peterson
Byron S. Peterson
Statistician in Charge

June 1973

Funds for preparing and publishing this bulletin were provided by the Massachusetts Department of Agriculture and matched with Federal funds under the Federal-State Marketing Improvement Program of the Agricultural Marketing Service, U. S. Department of Agriculture, as provided by the Agricultural Marketing Act of 1946.

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CROP AND LIVESTOCK SUMMARY . . . . . Inside Back Cover

CROP

PRODUCTION

SECTION

CORN: ACREAGE, YIELD AND PRODUCTION, MASSACHUSETTS, 1963-1972

YEAR	ACREAGE HARVESTED FOR ALL PURPOSES	HARVESTED FOR GRAIN			HARVESTED FOR SILAGE		
		ACRES	YIELD PER ACRE	PRO-DUCTION	ACRES	YIELD PER ACRE	PRO-DUCTION
	1,000	1,000	BUSHELS	1,000 BUSHELS	1,000	TONS	1,000 TONS
1963 1/	26	2	70.0	140	24	12.5	300
1964	27	2	68.0	136	25	12.0	300
1965	29	2	75.0	150	27	13.5	364
1966	29	2	72.0	144	27	16.5	446
1967	29	Estimate Discontinued			29	16.5	479
1968	29				29	15.0	435
1969	31				31	17.5	543
1970	32				32	16.0	512
1971	34				34	16.0	544
1972	32				32	11.0	352

1/ Corrected.

A late, wet spring in 1972 made it extremely difficult for farmers to plant corn. Persistent cold, rainy weather adversely affected germination and some of the acreage planted was abandoned. Outside of a brief week in late May there was little good corn planting weather until late July. Even at this late date, farmers were planting corn in hopes of an extremely late growing season which would allow the crop to reach maturity useable for silage. Frosts the first week of October did not allow most of the late planted corn to mature. In most years there is very little abandonment of silage corn because of adverse weather. This year, however 6 percent of the silage corn acreage was abandoned. In most instances abandonment occurred because the corn was drowned out or got such a bad start that it was useless to cut it for feed. Harvested acreage was down 6 percent from a year ago at 32,000 acres. Production dropped 35 percent to 352,000 tons due mainly to the extremely poor average yield of 11.0 tons per acre. This was the lowest corn yield in 15 years.

TOBACCO, SHADE TYPE: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1964-1972

YEAR	ACREAGE HARVESTED	YIELD PER ACRE	TOTAL PRODUCTION	PRICE PER POUND	VALUE OF PRODUCTION
	ACRES	POUNDS	1,000 POUNDS	DOLLARS	1,000 DOLLARS
1964	2,300	1,590	3,657	2.50	9,142
1965	2,500	1,560	3,900	2.50	9,750
1966	2,300	1,540	3,542	2.95	10,449
1967	2,200	1,135	2,497	3.80	9,489
1968	2,300	1,230	2,829	3.60	10,184
1969	1,900	1,340	2,546	4.00	10,184
1970	1,850	1,535	2,840	4.00	11,360
1971	1,300	1,725	2,243	4.00	8,972
1972	1,150	1,250	1,438	4.80	6,902

TOBACCO, SHADE TYPE: ACREAGE HARVESTED, MASSACHUSETTS, BY COUNTY, 1964-1972

YEAR	FRANKLIN	HAMPDEN	HAMPSHIRE	STATE
	ACRES			
1964	580	1,135	585	2,300
1965	675	1,155	670	2,500
1966	610	1,060	630	2,300
1967	580	1,060	560	2,200
1968	630	1,000	670	2,300
1969	575	825	500	1,900
1970	472	860	518	1,850
1971	424	550	326	1,300
1972	465	385	300	1,150

TOBACCO, HAVANA SEED: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1964-1972

CROP YEAR	ACREAGE HARVESTED	YIELD PER ACRE	TOTAL PRODUCTION	PRICE PER POUND	VALUE OF PRODUCTION
	ACRES	POUNDS	1,000 POUNDS	CENTS	1,000 DOLLARS
1964	800	2,120	1,696	43.5	738
1965	700	2,125	1,488	44.5	662
1966	520	2,200	1,144	49.5	566
1967	380	1,915	728	53.0	386
1968	360	1,950	702	58.0	407
1969	400	1,520	608	56.0	340
1970	370	1,950	722	61.0	440
1971	310	2,050	636	61.0	388
1972	260	1,850	481	62.0	298

TOBACCO, HAVANA SEED: ACREAGE HARVESTED, MASSACHUSETTS, BY COUNTY, 1964-1972

YEAR	FRANKLIN	HAMPDEN	HAMPSHIRE	STATE
		ACRES		
1964	225	15	560	800
1965	195	10	495	700
1966	120	10	390	520
1967	95	-	285	380
1968	90	-	270	360
1969	100	-	300	400
1970	90	-	280	370
1971	75	-	235	310
1972	46	-	214	260

Massachusetts 1972 tobacco production at 1.9 million pounds was 34 percent less than a year earlier and is the smallest production on record. Tobacco growers experienced a cold, wet planting season. Through mid July the weather was generally cloudy and cool with abnormally high rainfall. Some plants were drowned, some fields were replanted and additional acreage was lost to hail. After mid July growing conditions improved markedly. Many fields were harvested later than normal to allow as much growth as possible. The tobacco leaves were thin and light which resulted in substantially lower yields. There was a wide variation in the quality of the leaf.

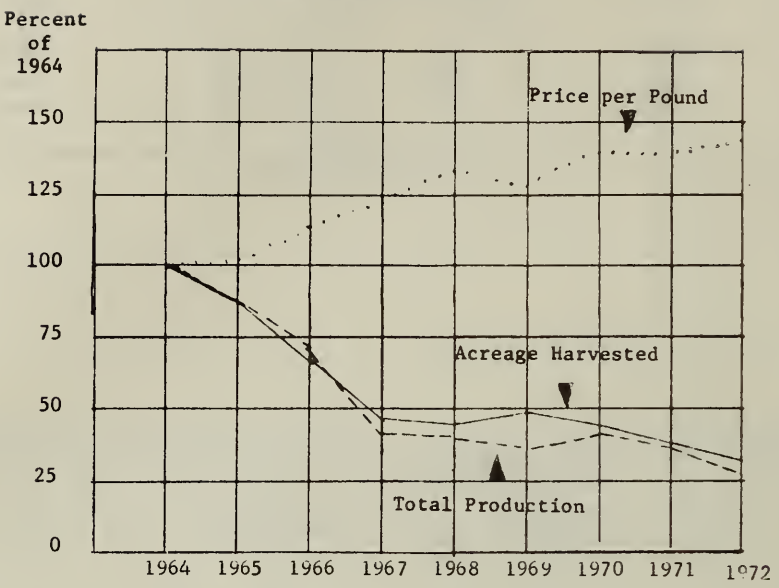
In 1972 Massachusetts farmers harvested a shade tobacco crop of 1.4 million pounds, more than a third less than a year earlier and the smallest since 1945. Acreage harvested continued the down-trend of the past several years and at 1100 acres was the smallest acreage harvested since 1944. Connecticut Valley growers continue to feel the pressure of reduced demand as manufacturers replace use of Natural leaf wrappers with homogenized wrapper.

The Havana seed tobacco crop continues the decline that has been underway since 1950. Massachusetts growers in 1972 harvested a record low 260 acres that produced a crop of less than one-half million pounds - also a record low. With price increases for their crop failing to keep pace with rising production costs Massachusetts tobacco growers have not found it profitable to maintain historic levels of production.

MASSACHUSETTS HAVANA SEED TOBACCO

Acreage, Production and Price

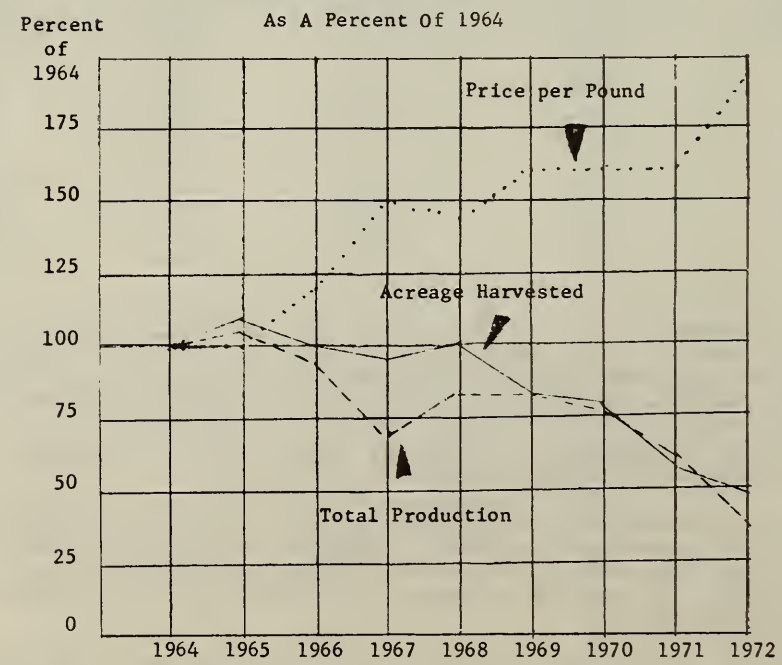
As A Percent Of 1964



MASSACHUSETTS SHADE TOBACCO

Acreage, Production and Price

As A Percent Of 1964



ALL HAY: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1964-1972

CROP YEAR	ACRES HARVESTED	YIELD PER ACRE	PRODUCTION	PRICE PER TON	VALUE OF PRODUCTION
	1,000	TONS	1,000 TONS	DOLLARS	1,000 DOLLARS
1964	176	1.56	275	42.60	11,715
1965	168	1.67	280	44.20	12,376
1966	160	2.01	321	38.50	12,359
1967	147	1.96	288	34.00	9,792
1968	134	2.01	269	33.50	9,012
1969	122	2.02	247	35.00	8,645
1970	114	2.10	239	39.00	9,321
1971	112	2.15	241	41.00	9,881
1972	109	1.88	205	NA	NA

ALFALFA HAY: ACREAGE, YIELD AND PRODUCTION, MASSACHUSETTS 1964-1972

CROP YEAR	ACRES HARVESTED	YIELD PER ACRE	PRODUCTION
	1,000	TONS	1,000 TONS
1964	33	2.05	68
1965	31	2.00	62
1966	33	2.50	83
1967	31	2.40	74
1968	31	2.35	73
1969	31	2.55	79
1970	31	2.65	82
1971	31	2.55	79
1972	28	2.25	63

OTHER HAY: ACREAGE, YIELD AND PRODUCTION, MASSACHUSETTS 1964-1972

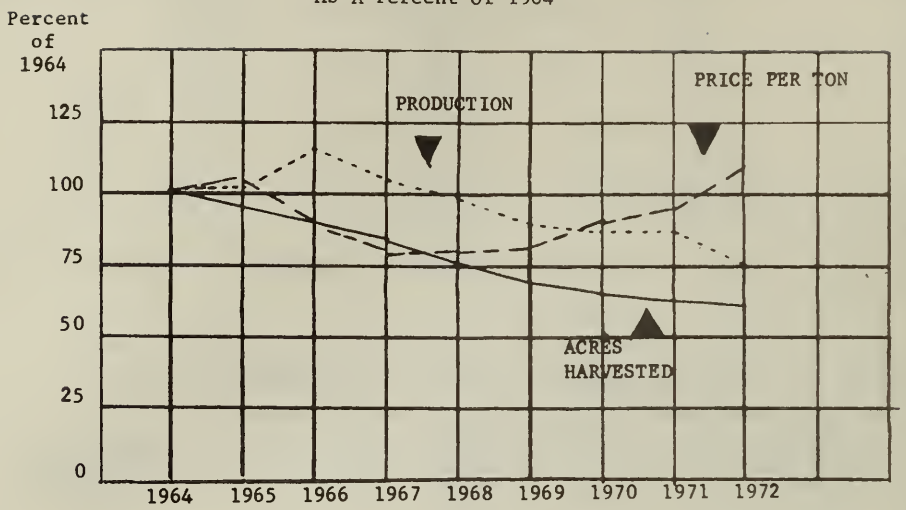
CROP YEAR	ACRES HARVESTED	YIELD PER ACRE	PRODUCTION
	1,000	TONS	1,000 TONS
1964	143	1.45	207
1965	137	1.59	218
1966	127	1.87	238
1967	116	1.84	214
1968	103	1.90	196
1969	91	1.85	168
1970	83	1.89	157
1971	81	2.00	162
1972	81	1.75	142

Most Massachusetts farmers will recall 1972 as bringing the most difficult haying conditions in memory. During the important haying season, late May through mid-July, there were very few days favorable for curing hay. As a result, there were long delays in cutting and many fields were cut but the crop failed to dry and was hauled off the field as a total loss. By mid-July Massachusetts farmers usually have all but completed first cutting of hay. In 1972 less than half of the crop had been cut by that date and over half of the tonnage had been rain-damaged after cutting. More than a fourth of the first-cut crop remained unharvested by the first of August.

In 1972 hay was harvested from a record-small acreage, three percent less than a year earlier. Unfavorable harvest weather reduced salvagable production with the result that yield averaged only 1.88 tons per acre, the lowest since 1964-a year of unusual drought. Total production was a record-low 205,000 tons, 15 percent less than a year earlier.

MASSACHUSETTS ALL HAY

Acreage, Production and Price
As A Percent Of 1964



POTATOES: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1964-1972

CROP YEAR	ACREAGE HARVESTED	YIELD PER ACRE	TOTAL PRODUCTION	SEASON AVERAGE PRICE PER CWT.	VALUE OF PRODUCTION
	ACRES	CWT.	1,000 CWT.	DOLLARS	1,000 DOLLARS
1964	6,800	186	1,265	3.97	5,022
1965	6,500	206	1,339	3.00	4,017
1966	6,800	190	1,292	2.12	2,739
1967	6,400	190	1,216	2.15	2,614
1968	5,600	185	1,036	2.40	2,486
1969	5,100	190	969	2.70	2,616
1970	5,100	205	1,046	2.69	2,814
1971	4,700	210	987	2.50	2,468
1972	3,700	160	592	NA	NA

Harvested acreage of potatoes continued the downward trend during the past decade with 1972 showing the most noticeable yearly decline. The 1972 crop was the lowest recorded harvested acreage and total production.

Planting got off to a slow start due to excessive spring rain causing some flooding in the Connecticut Valley. A number of early-planted fields were flooded out and replanted where possible. Wet, cloudy, weather continued during most of June and July limiting growth. Dry conditions prevailed during most of September retarding the growth potatoes take on at the end of the season. Wet conditions throughout most of the growing season forced growers to abandon about 500 acres. The unfavorable growing conditions also resulted in the lowest yield since 1955.

ASPARAGUS: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS 1964-1972

CROP YEAR	ACRES HARVESTED	YIELD PER ACRE	TOTAL PRODUCTION	AVERAGE PRICE PER CWT.	VALUE OF PRODUCTION
		CWT.	1,000 CWT.	DOLLARS	1,000 DOLLARS
1964	1,200	20	24	17.00	408
1965	1,100	20	22	17.40	383
1966	900	20	18	20.60	371
1967	810	18	15	19.70	296
1968	730	22	16	24.20	387
1969	600	20	12	22.60	271
1970	550	23	13	24.30	316
1971	550	22	12	25.00	300
1972	500	23	12	29.60	355

SNAP BEANS: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1964-1972

CROP YEAR	ACRES HARVESTED	YIELD PER ACRE	TOTAL PRODUCTION	AVERAGE PRICE PER CWT.	VALUE OF PRODUCTION
		CWT.	1,000 CWT.	DOLLARS	1,000 DOLLARS
1964	850	35	30	13.80	414
1965	850	35	30	13.30	399
1966	800	36	29	16.90	490
1967	750	36	27	14.80	400
1968	700	35	25	17.90	448
1969	700	35	25	18.10	453
1970	750	40	30	16.80	504
1971	750	37	28	17.80	498
1972	700	35	25	20.20	505

CABBAGE: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1964-1972

CROP YEAR	ACRES HARVESTED	YIELD PER ACRE	TOTAL PRODUCTION	AVERAGE PRICE PER CWT.	VALUE OF PRODUCTION
		CWT.	1,000 CWT.	DOLLARS	1,000 DOLLARS
1964	1,400	196	274	3.62	991
1965	1,200	203	243	2.84	691
1966	1,050	205	215	4.37	939
1967	1,050	207	217	3.11	674
1968	1,000	215	215	4.09	879
1969	900	200	180	4.23	761
1970	870	220	191	3.93	751
1971	750	250	188	4.12	775
1972	700	250	175	5.52	966

CARROTS: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1964-1972

CROP YEAR	ACRES HARVESTED	YIELD PER ACRE	TOTAL PRODUCTION	AVERAGE PRICE PER CWT.	VALUE OF PRODUCTION
		CWT.	1,000 CWT.	DOLLARS	1,000 DOLLARS
1964	750	200	150	5.70	855
1965	750	230	172	5.90	1,015
1966	600	235	141	5.63	794
1967	400	220	88	6.95	612
1968	400	230	92	5.78	532
1969	400	200	80	7.77	622
1970	300	225	68	6.76	460
1971	250	200	50	8.32	416
1972	200	210	42	9.46	397

SWEET CORN: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1964-1972

CROP YEAR	ACRES HARVESTED	YIELD PER ACRE	TOTAL PRODUCTION	AVERAGE PRICE PER CWT.	VALUE OF PRODUCTION
		CWT.	1,000 CWT.	DOLLARS	1,000 DOLLARS
1964	8,300	65	540	4.90	2,646
1965	8,200	65	533	4.49	2,393
1966	8,100	70	567	4.72	2,676
1967	7,800	70	546	4.40	2,402
1968	7,800	70	546	5.69	3,107
1969	7,500	75	563	5.38	3,029
1970	7,800	75	585	6.01	3,516
1971	8,200	78	640	6.22	3,981
1972	7,100	75	533	6.93	3,694

LETTUCE: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1964-1972

CROP YEAR	ACRES HARVESTED	YIELD PER ACRE	TOTAL PRODUCTION	AVERAGE PRICE PER CWT.	VALUE OF PRODUCTION
		CWT.	1,000 CWT.	DOLLARS	1,000 DOLLARS
1964	650	150	98	6.70	657
1965	620	160	99	7.39	732
1966	600	145	87	7.76	675
1967	600	150	90	8.95	806
1968	480	155	74	7.44	551
1969	400	160	64	8.16	522
1970	400	160	64	9.63	616
1971	350	155	54	10.30	556
1972	350	145	51	13.20	673

GREEN PEPPERS: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1964-1972

CROP YEAR	ACRES HARVESTED	YIELD PER ACRE	TOTAL PRODUCTION	AVERAGE PRICE PER CWT.	VALUE OF PRODUCTION
		CWT.	1,000 CWT.	DOLLARS	1,000 DOLLARS
1964	500	70	35	7.40	259
1965	460	95	44	7.24	319
1966	390	100	39	9.85	384
1967	410	80	33	10.40	343
1968	440	90	40	11.50	460
1969	500	80	40	12.80	512
1970	560	85	48	11.20	538
1971	555	95	52	12.50	650
1972	500	60	30	14.50	435

STRAWBERRIES: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1964-1972

CROP YEAR	ACRES HARVESTED	YIELD PER ACRE	TOTAL PRODUCTION	AVERAGE PRICE PER CWT.	VALUE OF PRODUCTION
		CWT.	1,000 CWT.	DOLLARS	1,000 DOLLARS
1964	370	43	16	31.60	503
1965	350	35	12	32.30	388
1966	350	38	13	35.00	455
1967	300	43	13	33.50	436
1968	250	29	7	39.10	274
1969	250	37	9	40.90	368
1970	250	39	10	38.00	380
1971	250	40	10	39.40	394
1972	250	40	10	43.50	435

TOMATOES: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1964-1972

CROP YEAR	ACRES HARVESTED	YIELD PER ACRE	TOTAL PRODUCTION	AVERAGE PRICE PER CWT.	VALUE OF PRODUCTION
		CWT.	1,000 CWT.	DOLLARS	1,000 DOLLARS
1964	1,000	185	185	8.90	1,646
1965	1,000	185	185	8.90	1,646
1966	900	200	180	10.90	1,962
1967	900	190	171	9.70	1,659
1968	850	195	166	12.00	1,992
1969	800	200	160	12.80	2,048
1970	750	190	143	12.50	1,788
1971	750	200	150	12.50	1,875
1972	700	190	133	17.70	2,354

Acreage for the major vegetable crops produced in Massachusetts has been gradually declining for many years. However, value of production, with few exceptions has increased over the years. Generally speaking, the value increases have reflected improved yields and prices. As an example, sweet corn acreage, the largest vegetable acreage in Massachusetts, has declined 15 percent from 1964 to 1972 while the value of production has increased 39 percent.

The 1972 harvested vegetable acreages for the State's major vegetable crops were generally equal to or less than in 1971. Yields, due in large part to poor weather conditions, were mostly equal to or less than in 1971.

MAPLE PRODUCTS: PRODUCTION, DISPOSITION, PRICE AND VALUE, MASSACHUSETTS, 1964-1973

YEAR	SYRUP			
	PRODUCTION	SOLD	PRICE PER GALLON 1/	VALUE OF PRODUCTION
	1,000 GALS.		DOLLARS	1,000 DOLS.
1964	47	45	5.30	249
1965	37	35	5.20	192
1966	40	38	5.30	212
1967	28	27	5.40	151
1968	24	23	6.00	144
1969	29	28	6.50	189
1970	32	31	6.70	214
1971	25	24	7.80	195
1972	28	27	8.70	244
1973	19	NA	NA	NA

1/ Represents average price received by producers for syrup sold in gallon containers. Value of production is computed using the average price for all sales and all sizes of containers. NA - Not available

Above average temperatures got the 1973 season off to an early start. Producers who did not have their trees tapped by the end of February missed a few early runs. Variable runs occurred during March with the season ending abruptly by the end of the month due to unseasonably high temperatures. Production fell short of last year's crop because the season did not extend into April as it did in 1972. The quality of the 1973 crop is excellent.

APPLES: PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1964-1972

YEAR	PRODUCTION 1/			PRICE PER UNIT	VALUE OF UTILIZED PRODUCTION
	TOTAL	NOT UTILIZED 2/	HAVING VALUE		
	THOUSAND 42 POUND UNITS			DOLS.	1,000 DOLS.
1964	2,381	-	2,381	2.68	6,380
1965	2,619	190	2,429	2.23	5,426
1966	2,095	40	2,055	2.56	5,264
1967	2,333	-	2,333	2.56	5,978
1968	2,190	64	2,126	3.14	6,671
1969	2,381	-	2,381	2.93	6,980
1970	2,619	52	2,567	2.65	6,802
1971	2,738	238	2,500	2.75	6,867
1972	2,167	-	2,167	3.55	7,690

1/ Estimates relate to production in orchards of 100 or more trees.
2/ Abandoned because of economic reasons.

Although the 1971-72 winter was severe, apple orchards survived quite well. Bloom came late due to a cold, wet spring, and spraying schedules were seriously disrupted, resulting in widespread scab infections. Lack of sunny weather in mid-summer held back fruit sizing, but a pleasant,early fall helped bring size along. A hard freeze in mid-October damaged some apples in the State, particularly the Delicious variety. The 1972 crop amounted to 2.2 million 42-pound units, down 21 percent from the previous year.

PEACHES: PRODUCTION, PRICE AND VALUE
MASSACHUSETTS 1964-1972

YEAR	PRODUCTION	PRICE PER BUSHEL	VALUE OF PRODUCTION
	1,000 48 POUND UNITS	DOLS.	1,000 DOLS.
1964	104	3.94	410
1965	15	5.87	88
1966	110	4.30	473
1967	4	7.75	31
1968	60	5.08	305
1969	54	5.06	273
1970	83	5.30	440
1971	92	5.02	462
1972	56	8.20	459

Peach trees were damaged by winterkill (1971-72) in low-lying areas of the State. As with apples, the cold, wet spring held back development about two weeks behind normal. The wet summer disrupted spraying schedules, resulting in greater than normal insect damage and a scab problem at harvest time. The 1972 crop amounted to 2.7 million pounds or 56,000 - 48 pound units, down sharply from the previous year's 4.4 million pounds.

CRANBERRY ACREAGE, YIELD, PRODUCTION, UTILIZATION, PRICE AND VALUE, MASSACHUSETTS, 1964-1972

YEAR	ACRES	YIELD PER ACRE	PRODUCTION 1/	FRESH SALES	PERCENT OF TOTAL	SOLD FOR PROCESSING	PERCENT OF TOTAL	SEASON AVERAGE PRICE PER BARREL 2/	VALUE
		BARRELS	1,000 BARRELS		PERCENT	BBLS.	PERCENT	DOLLARS	1,000 DOLS.
1964	11,500	57.4	660	240	41.0	353,500	59.7	14.40	9,504
1965	11,400	64.5	735	234	34.9	437,000	65.1	15.60	11,466
1966	11,200	68.6	768	197	27.6	515,700	72.4	15.20	11,674
1967	11,200	51.2	573	146	29.0	357,000	71.0	14.00	8,538
1968	11,100	59.5	660	201	32.3	421,000	67.7	15.40	10,164
1969	11,200	67.4	755	102	24.3	567,000	75.7	15.40	11,627
1970	11,100	86.2	957	210	25.7	607,000	74.3	11.90	10,232
1971	11,100	96.6	1,072	239	35.1	441,000	64.9	15.70	11,571
1972	10,900	75.2	820						

1/ Differences between production and the totals of fresh sales and sales for processing are economic abandonment.

2/ Equivalent return at first delivery point, screened basis.

Massachusetts cranberry growers harvested a 1972 crop of 820,000 barrels, although nearly one fourth less than the record large crop of a year earlier, 1972 production is the third largest of record.

Vines suffered some damage from frosts in late May and early June. Although bloom was heavy, persistent cool, rainy weather was unfavorable for pollination.

Quality of the crop suffered from sunscald following flooding that accompanied Hurricane Carrie in early September. The harvest season was marked by prolonged rainy weather and freezing temperatures that delayed harvest and lowered quality.

In recent years cranberries have contributed $10-12 million toward Massachusetts cash income from farming. This is less than five percent of total farm income for the state but, in the important cranberry producing counties of Barnstable and Plymouth, cranberries are the leading source of farm income.

CUT FLOWERS: NUMBER OF PRODUCERS, PRODUCTION, SALES, PRICE AND VALUE, MASSACHUSETTS, 1968-1972

TYPE AND CROP YEAR	PRODUCERS	PLANTS IN PRODUCTION	SALES	PERCENTAGE OF SALES AT WHOLESALE	WHOLESALE PRICE	VALUE OF SALES AT 1/ WHOLESALE
	NUMBER	1,000 PLANTS	1,000 BLOOMS	PERCENT	CENTS	1,000 DOLLARS
ALL CARNATIONS			2/			
1968	129	4,488	37,001	93	8.1	2,988
1969	107	4,080	37,416	92	7.4	2,778
1970	93	3,646	32,687	96	7.1	2,316
1971	74	2,830	25,170	96	7.1	1,779
1972	66	2,306	22,646	93	7.9	1,788
STANDARD CARNATIONS						
1968	125	4,275	29,897	93	9.3	2.780
1969	102	3,826	29,387	92	8.6	2,527
1970	90	3,337	23,289	96	8.7	2,026
1971	71	2,572	17,067	96	9.0	1,536
1972	64	2,077	14,580	94	10.5	1,531
MINIATURE CARNATIONS			1,000 BUNCHES			
1968	38	213	192	94	1.08	208
1969	42	254	217	92	1.15	251
1970	42	309	254	95	1.14	290
1971	28	258	219	97	1.11	243
1972	27	229	218	91	1.18	257
ALL ROSES			1,000 BLOOMS			
1968	14	721	21,539	99	13.0	2,811
1969	16	916	23,308	98	12.8	2,981
1970	15	934	26,346	99	12.2	3,227
1971	13	953	23,384	90	13.6	3,185
1972	11	1,118	26,576	99	16.2	4,310
HYBRID TEA ROSES						
1968	14	533	13,750	99	15.0	2,063
1969	16	715	15,210	98	14.7	2.236
1970	15	706	17,161	98	14.2	2,437
1971	13	698	14,440	95	16.0	2,307
1972	11	814	17,144	99	18.7	3,206
MINIATURE OR SWEETHEART ROSES						
1968	9	188	7,789	100	9.6	748
1969	12	201	8,098	98	9.2	745
1970	12	228	9,185	100	8.6	790
1971	9	255	8,944	76	9.8	878
1972	8	304	9,432	99	11.7	1,104
STANDARD CHRYSANTHEMUMS						
1968	153	3,483	3,803	92	24.2	920
1969	143	3,761	3,689	86	28.3	1,044
1970	117	2,702	4,127	95	21.1	871
1971	108	2,965	3,167	91	25.2	798
1972	100	3,483	3,477	91	27.4	953
POMPON CHRYSANTHEMUMS			1,000 BUNCHES			
1968	192	2,109	570	65	1.27	727
1969	186	2,292	560	72	1.38	771
1970	170	2,388	642	71	1.27	814
1971	141	1,769	435	65	1.32	574
1972	132	1,929	577	69	1.21	698

1/ Equivalent wholesale value of all sales

CUT FLOWERS: NUMBER OF PRODUCERS, PRODUCTION, SALES, PRICE AND VALUE, MASSACHUSETTS, 1968-1972 CONT'D

TYPE AND CROP YEAR	PRODUCERS	PRODUCTION	SALES	PERCENTAGE OF SALES AT WHOLESALE	WHOLESALE PRICE	VALUE OF SALES AT WHOLESALE 1/
	NUMBER	ACRES	1,000 SPIKES	PERCENT	CENTS	1,000 DOLLARS
GLADIOLI						
1968	25	54	852	95	.10	86
1969	18	55	792	96	.09	75
1970	17	71	768	92	.09	68
1971	17	71	552	82	.09	49
1972	13	41	443	90	.10	44
POTTED CHRYSANTHEMUMS		1,000 POTS	1,000 POTS			
1968	67	277	274	91	1.49	409
1969	69	307	301	88	1.60	483
1970	80	345	332	87	1.64	545
1971	65	378	371	86	1.69	629
1972	61	383	369	88	2.07	764

1/ Equivalent wholesale value of all sales.

2/ Miniature carnation bunch converted to 37 blooms for combining with standard carnations.

TOTAL WHOLESALE VALUE OF FOUR CUT FLOWERS - CARNATIONS, ROSES, CHRYSANTHEMUMS AND GLADIOLI MASSACHUSETTS, 1968-1972 1/

1968	1969	1970	1971	1972
1,000 DOLLARS				
7,941	8,132	7,841	7,014	8,557

1/ Equivalent wholesale value of all sales.

FOLIAGE PLANTS FOR INDOOR OR PATIO USE: NUMBER OF PRODUCERS, SQUARE FEET IN PRODUCTION, NET VALUE OF SALES, MASSACHUSETTS, 1968-1972

YEAR	PRODUCERS	SQ. FT. IN PRODUCTION	PERCENTAGE OF SALES AT WHOLESALE	NET VALUE OF SALES 1/
	NUMBER	1,000 SQ. FT.	PERCENT	1,000 DOLLARS
1968	28	246	53	1,071
1969	29	158	69	949
1970	22	121	99	529
1971	32	175	91	643
1972	46	246	95	865

1/ Gross value of sales less cost of plant material purchased from other growers for growing on.

REPORTED TOTAL AVERAGE AREA USED FOR PRODUCTION AND DERIVED AVERAGE VALUE PER UNIT: CARNATIONS, CHRYSANTHEMUMS, GLADIOLI, ROSES, AND FOLIAGE PLANTS, MASSACHUSETTS 1/

COMMODITY	TOTAL AV. AREA USED FOR PRODUCTION	AVERAGE VALUE PER SQ. FT.	TOTAL ACRES USED FOR PRODUCTION	AVERAGE VALUE PER ACRE	TOTAL SQ. FT. USED FOR PRODUCTION
	1,000 SQ. FT.	DOLLARS	ACRES	DOLLARS	1,000 SQ. FT.
Carnations	928	1.93			
Chrys. Standard	471	2.02			
Chrys. pompon	653	1.07			
Chrys. potted	347	2.20			
Roses	1,319	3.27			
Gladioli			41	1,070	
Foliage plants		3.52			246

1/ Value figures for all except foliage plants, are equivalent wholesale value of all sales. For foliage plants it is net value of sales.

LIVESTOCK, POULTRY AND DAIRY SECTION

CATTLE NUMBERS UP SLIGHTLY

The number of cattle and calves on farms January 1, 1973 was up slightly from a year earlier, the change attributable to an increase in young stock. Milk cows declined 2% from a year earlier. Total value of the inventory rose almost 17 percent over the previous year, to the highest level since 1953. During 1972 there were 62,000 head of cattle and calves marketed in the state for total cash receipts of $8 million.

HOG NUMBERS CONTINUE TO DECLINE

On December 1, 1972 hogs and pigs on Massachusetts farms numbered 66,000, down 7,000 head from a year earlier. The 1972 figure is the smallest on record since 1925. The December 1971 - November 1972 pig crop totaled 87,000 head, down 11,000 from a year earlier. There were 86,000 hogs marketed in 1972 for total cash receipts of 4.8 million dollars. Farmers received a record-high price of 25 cents per pound for 1972 marketings.

The majority of hogs in Massachusetts are garbage-fed. In recent years, however, the number of garbage-fed hogs has been diminishing. More rigid controls on cooking garbage have been a factor in the decrease.

SHEEP AND LAMB NUMBERS HIT RECORD LOW

Sheep and lambs on hand January 1, 1973 numbered 7,500 head, down 4 percent from the previous year and the smallest number of record.

Prices received for sheep in 1972 averaged 12.0 cents per pound and for lambs 32.5 cents per pound. Since 1964 sheep and lamb prices have risen quite sharply.

Sheep shorn during 1972 numbered 7,200 head, down 6 percent from the previous year and the smallest since 1950. Wool production in 1972 totaled 52,000 pounds, 2 percent less than the previous year and also the lowest since 1950. Fleece weight averaged 7.2 pounds, up from 6.9 pounds a year earlier. The average price per pound received by Massachusetts farmers in 1972 was 34 cents, 3 cents above the 1971 price. Since 1966 wool prices received by farmers have dropped sharply.

ALL CHICKEN INVENTORY INCREASES

The number of all chickens on farms December 1, 1972 (excluding commercial broilers) totaled 3,057,000, up 9 percent from the previous year. All December 1 chicken inventory classes showed an increase from the previous year. The value of all chickens on farms December 1, 1972 was 0.9 million dollars compared with 1.0 million a year earlier.

Production of commercial broilers in Massachusetts has dwindled to the record low of 200,000 birds in 1972. Economic conditions are the main factors for the decrease in the production of broilers in Massachusetts. In the past decade broiler production in New England has become increasingly centered in south central Maine.

CATTLE: NUMBER AND VALUE OF ALL CATTLE AND CALVES ON FARMS
JANUARY 1, MASSACHUSETTS, 1964-1973

YEAR	NUMBER	VALUE	
		PER HEAD	TOTAL
	1,000 HEAD	DOLLARS	1,000 DOLLARS
1964	141	204.00	28,764
1965	135	198.00	28,730
1966	127	212.00	26,924
1967	123	256.00	31,488
1968	120	247.00	29,640
1969	116	257.00	29,812
1970	111	260.00	28,860
1971	111	270.00	29,970
1972	110	290.00	31,900
1973	111	335.00	37,185

CATTLE: JANUARY 1 INVENTORY BY CLASSES, MASSACHUSETTS, 1964-1970 1/

YEAR	ALL CATTLE AND CALVES	FOR MILK			OTHER CATTLE				
		COWS AND HEIFERS 2 YRS. +	HEIFERS 1-2 YRS.	HEIFER CALVES	COWS AND HEIFERS 2 YRS. +	HEIFERS 1-2 YRS.	OTHER CALVES	STEERS 1 YR. +	BULLS 1 YR. +
					1,000 HEAD				
1964	141	93	19	18	3	2	2	2	2
1965	135	89	17	17	4	2	2	2	2
1966	127	84	15	15	4	2	3	2	2
1967	123	79	15	15	5	2	3	2	2
1968	120	75	15	15	6	2	3	2	2
1969	116	71	14	15	7	2	3	2	2
1970	111	66	14	15	7	2	3	2	2

1/ The age and sex classes for cattle as shown on this table were discontinued after 1970. Thereafter, cattle estimates are published only by weight and sex. January 1, 1970 data are provided under both classifications (see following table) to provide the user with a "link" between the change in classification.

CATTLE: JANUARY 1, INVENTORY BY CLASSES, MASSACHUSETTS, 1970-1973

YEAR	ALL CATTLE AND CALVES	COWS AND HEIFERS THAT HAVE CALVED		HEIFERS 500 POUNDS AND OVER			STEERS 500 LBS+	BULLS 500 LBS+	STEERS HEIFERS & BULLS UNDER 500 LBS
		BEEF	MILK	BEEF COW REPLACEMENTS	MILK COW REPLACEMENTS	OTHER			
					1,000 HEAD				
1970	111	7	60	2	15	2	2	2	21
1971	111	7	60	2	15	2	2	2	21
1972	110	8	58	2	15	2	2	2	21
1973	111	8	57	2	16	2	2	2	22

CATTLE AND CALVES: INVENTORY, SUPPLY, AND DISPOSITION, MASSACHUSETTS, 1964-1972

YEAR	ON HAND JAN. 1 ALL CATTLE	CALF CROP	INSHIPMENTS	MARKETINGS 1/ CATTLE	MARKETINGS 1/ CALVES	FARM SLAUGHTER CATTLE & CALVES	DEATHS CATTLE	DEATHS CALVES
	1,000 HEAD							
1964	141	79	14	34	54	4	2	5
1965	135	74	15	37	49	3	2	6
1966	127	72	13	33	47	2	2	5
1967	123	68	13	32	42	2	2	6
1968	120	67	14	35	43	1	1	5
1969	116	64	15	36	42	1	1	4
1970	111	60	13	28	38	1	2	4
1971	111	60	12	29	37	1	2	4
1972	110	60	10	29	33	1	2	4

1/ Excludes interfarm sales.

CATTLE AND CALVES: PRODUCTION AND INCOME, MASSACHUSETTS, 1964-1972

YEAR	PRODUCTION 1/	MARKETINGS 2/	PRICE PER 100 LBS. CATTLE	PRICE PER 100 LBS. CALVES	CASH RECEIPTS 3/	VALUE OF HOME CONSUMPTION	GROSS INCOME	COST OF INSHIPMENTS
	1,000 POUNDS		DOLLARS			1,000 DOLLARS		
1964	26,265	38,205	13.50	19.30	5,474	376	5,850	2,147
1965	24,610	41,590	14.30	19.30	6,181	277	6,458	2,460
1966	23,475	36,490	17.50	23.70	6,640	346	6,986	2,484
1967	23,810	36,344	17.40	24.90	6,601	252	6,853	2,462
1968	25,170	38,850	17.70	26.20	7,193	301	7,494	2,778
1969	24,050	39,850	19.00	29.40	7,952	342	8,294	3,383
1970	22,430	31,456	20.80	30.50	6,852	340	7,192	4/
1971	23,175	32,495	21.10	28.00	7,080	363	7,443	
1972	25,480	32,020	24.20	34.00	8,025	416	8,441	

1/ Adjustments made for inshipments and changes in inventories.
2/ Excludes interfarm sales.
3/ Receipts from marketings and sale of farm slaughter.
4/ Discontinued.

MILK: FARM PRODUCTION AND VALUE OF MILK AND MILK PRODUCTS SOLD, MASSACHUSETTS, 1964-1972

YEAR	NO. MILK COWS ON 1/ FARMS	PRODUCTION 2/ PER MILK COW MILK	PRODUCTION 2/ PER MILK COW MILKFAT	PRODUCTION 2/ PERCENTAGE OF FAT IN ALL MILK PRODUCED	PRODUCTION 2/ TOTAL MILK	PRODUCTION 2/ TOTAL MILKFAT	CASH RECEIPTS FROM MARKETINGS OF MILK AND CREAM	GROSS FARM INCOME FROM DAIRY PRODUCTS 3/	FARM VALUE OF MILK PRODUCED 4/
	THOUS.	POUNDS		PERCENT	MILLION POUNDS		1,000 DOLLARS		
1964	84	9,520	352	3.70	800	30	48,475	49,220	49,680
1965	80	9,880	366	3.70	790	29	47,710	48,452	48,822
1966	76	10,000	371	3.71	760	28	50,181	50,923	51,300
1967	72	10,236	381	3.72	737	27	48,659	49,334	49,748
1968	67	10,448	386	3.69	700	26	47,860	48,489	48,930
1969	63	10,810	401	3.71	681	25	47,704	48,275	48,623
1970	60	10,967	408	3.72	658	24	47,788	48,381	48,758
1971	59	11,153	414	3.71	658	24	48,248	48,846	49,218
1972	57	11,018	408	3.70	628	23	47,732	48,275	48,670

1/ Average number on farms during year, excluding heifers not yet fresh.
2/ Excludes milk sucked by calves.
3/ Cash receipts from marketing of milk and cream plus value of milk for home consumption and farm-churned butter.
4/ Includes value of milk fed to calves at average returns per 100 pounds of milk in combined marketings of milk and cream.

MILK: QUANTITY MARKETED PRICE AND CASH RECEIPTS, MASSACHUSETTS, 1964-1972

YEAR	SOLD TO PLANTS			SOLD DIRECTLY TO CONSUMERS			COMBINED MARKETINGS		
	QUANTITY	PRICE PER CWT.	CASH RECEIPTS	QUANTITY	PRICE PER QUART	CASH RECEIPTS	QUANTITY	PRICE PER CWT.	CASH RECEIPTS
	MILLION POUNDS	DOLLARS	1,000 DOLLARS	MILLION QUARTS	CENTS	1,000 DOLLARS	MILLION POUNDS	DOLLARS	1,000 DOLLARS
1964	705	5.59	39,410	35.0	25.9	9,065	781	6.21	48,475
1965	700	5.59	39,130	33.0	26.0	8,580	772	6.18	47,710
1966	670	6.15	41,205	34.0	26.4	8,976	743	6.75	50,181
1967	650	6.10	39,650	33.0	27.3	9,009	721	6.75	48,659
1968	620	6.35	39,370	30.0	28.3	8,490	685	6.99	47,860
1969	610	6.56	40,016	27.0	28.5	7,688	668	7.14	47,704
1970	595	6.82	40,579	23.3	31.0	7,209	645	7.41	47,788
1971	600	6.96	41,760	20.9	31.0	6,488	645	7.48	48,248
1972	575	7.24	41,630	19.1	32.0	6,102	616	7.75	47,732

MILK: QUANTITIES USED AND MARKETED BY FARMERS, MASSACHUSETTS, 1964-1972

YEAR	TOTAL PRODUCED	MILK USED ON FARMS WHERE PRODUCED			MILK MARKETED BY FARMERS		
		USED FOR MILK, CREAM AND BUTTER	FED TO CALVES	TOTAL	SOLD TO PLANTS AND DEALERS	SOLD DIRECTLY TO CONSUMERS	TOTAL
	MILLION POUNDS						
1964	800	12	7	19	705	76	781
1965	790	12	6	18	700	72	772
1966	760	11	6	17	670	73	743
1967	737	10	6	16	650	71	721
1968	700	9	6	15	620	65	685
1969	681	8	5	13	610	58	668
1970	658	8	5	13	595	50	645
1971	658	8	5	13	600	45	645
1972	628	7	5	12	575	41	616

MILK: SOLD TO PLANTS, MONTHLY AND ANNUAL AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS, MASSACHUSETTS 1964-1972

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE
	DOLLARS												
1964	5.90	5.70	5.55	5.15	4.95	4.90	5.50	5.70	5.90	6.10	6.00	5.95	5.59
1965	5.75	5.70	5.50	5.15	4.90	4.90	5.40	5.60	5.90	6.15	6.25	6.15	5.59
1966	6.00	6.05	6.05	5.70	5.40	5.40	6.10	6.25	6.70	6.95	6.95	6.75	6.15
1967	6.45	6.45	6.35	5.90	5.95	5.45	5.90	6.35	6.50	6.55	6.60	6.30	6.21
1968	6.35	6.25	6.05	5.90	5.80	5.70	6.20	6.55	6.80	7.05	7.00	6.70	6.35
1969	6.70	6.60	6.40	6.20	6.05	5.85	6.30	6.65	6.95	7.15	7.05	7.00	6.56
1970	6.95	6.85	6.65	6.50	6.30	6.20	6.65	6.90	7.15	7.35	7.30	7.20	6.82
1971	7.05	7.00	6.90	6.65	6.45	6.30	6.70	7.00	7.30	7.40	7.45	7.25	6.94
1972	7.20	7.25	7.00	6.75	6.65	6.50	6.95	7.45	7.75	7.95	7.95	7.65	7.23

MANUFACTURED DAIRY: PRODUCTION MAJOR PRODUCTS, MASSACHUSETTS, 1964-1971

YEAR	TOTAL CHEESE 1/	ITALIAN CHEESE	COTTAGE CHEESE CURD	COTTAGE CHEESE CREAMED	ICE CREAM	ICE MILK	MILK SHERBET	WATER ICE
	1,000 POUNDS				1,000 GALLONS			
1964	4,457	3,299	983	1,323	32,009	2,302	1,802	1,175
1965	4,466	3,472	961	1,187	37,404	2,677	2,368	1,535
1966	4,484	4,059	1,118	1,505	39,282	2,986	2,573	1,821
1967	5,182	4,775	1,065	1,410	37,144	3,229	2,227	1,705
1968	5,848	5,114	611	848	40,173	3,932	2,073	2,344
1969	5,545	4,764	523	730	39,609	3,999	2,536	2/
1970	6,430	5,520	488	680	40,944	7,822	2,645	986
1971	7,268	6,313	587	817	40,455	7,514	2,556	1,473
1972	7,007	5,623	756	1,058	41,025	8,802	2,393	1,117

1/ Excluding full-skim American and cottage cheese.
2/ Product not estimated.

HOGS: NUMBER AND VALUE OF HOGS ON FARMS DECEMBER 1, MASSACHUSETTS, 1965-1972

YEAR	NUMBER	VALUE		YEAR	NUMBER	VALUE	
		PER HEAD	TOTAL			PER HEAD	TOTAL
	1,000 HEAD	DOLLARS	1,000 DOLLARS		1,000 HEAD	DOLLARS	1,000 DOLLARS
1965	96	37.10 1/	3,302 1/	1969	83	34.00	2,822
1966	99	36.80 1/	3,459 1/	1970	73	28.50	2,081
1967	94	32.60	3,064	1971	73	32.00	2,336
1968	90	32.50	2,925	1972	66	37.00	2,442

1/ January 1 following year

HOGS: INVENTORY NUMBERS, PIG CROP AND DISPOSITION, MASSACHUSETTS, 1965-1972

YEAR	ON HAND DEC. 1 PREV. YEAR	PIG CROP		MARKETINGS 1/	FARM SLAUGHTER	DEATHS
		DEC.-MAY	JUNE-NOV.			
1965	98	50	50	83	4	15
1966	96	50	54	86	2	13
1967	99	56	51	98	2	12
1968	94	48	53	93	2	10
1969	90	46	52	95	1	9
1970	83	46	47	90	1	12
1971	73	51	47	88	1	9
1972	73	44	43	86	1	7
1973	66					

1/ Excludes interfarm sales.

PIG CROP: SOWS FARROWED AND PIGS SAVED, MASSACHUSETTS 1964-1972

YEAR	SPRING FARROWINGS			FALL FARROWINGS		
	SOWS	PIGS PER LITTER	PIGS SAVED	SOWS	PIGS PER LITTER	PIGS SAVED
	1,000	HEAD	1,000	1,000	HEAD	1,000
1964	8.5	6.0	51	8.5	6.5	55
1965	8.0	6.2	50	8.3	6.0	50
1966	8.6	5.8	50	8.2	6.6	54
1967	8.9	6.3	56	8.0	6.4	51
1968	8.2	5.8	48	8.3	6.4	53
1969	7.5	6.2	46	7.5	6.9	52
1970	7.4	6.2	46	7.8	6.0	47
1971	7.6	6.7	51	7.4	6.3	47
1972	7.0	6.3	44	7.0	6.2	43

HOGS: PRODUCTION AND INCOME, MASSACHUSETTS, 1964-1972

YEAR	PRODUCTION 1/	MARKETINGS 2/	PRICE PER 100 POUNDS	CASH RECEIPTS 3/	VALUE OF HOME CONSUMPTION	GROSS INCOME
	1,000 POUNDS		DOLLARS		1,000 DOLLARS	
1964	20,347	23,042	15.40	3,557	125	3,682
1965	20,345	19,059	19.10	3,640	155	3,795
1966	20,502	19,652	22.50	4,422	139	4,561
1967	22,106	22,300	18.50	4,126	109	4,235
1968	22,195	21,233	17.50	3,716	103	3,819
1969	20,146	21,127	20.80	4,394	79	4,473
1970	19,139	20,002	18.50	3,541	81	3,781
1971	19,746	19,556	17.50	3,456	77	3,499
1972	18,708	19,160	25.00	4,790	110	4,900

1/ Adjustments made for changes in inventory and inshipments.
2/ Excludes interfarm sales.
3/ Receipts from marketings and sale of farm slaughter.

SHEEP AND LAMBS: NUMBER AND VALUE ON FARMS, JANUARY 1, MASSACHUSETTS 1964-1973

YEAR	NUMBER	VALUE	
		PER HEAD	TOTAL
	1,000 HEAD	DOLLARS	1,000 DOLLARS
1964	11	13.00	143
1965	10	14.40	144
1966	10	15.60	156
1967	10	15.90	159
1968	10	16.60	166
1969	9.8	18.70	183
1970	8.6	20.00	172
1971	8.2	20.00	164
1972	7.8	20.00	156
1973	7.5	28.00	210

SHEEP AND LAMBS: INVENTORY NUMBER BY CLASS, JANUARY 1, MASSACHUSETTS, 1964-1973

YEAR	ALL SHEEP AND LAMBS	LAMBS			ONE YEAR AND OVER	
		ALL LAMBS	EWES	WETHERS AND RAMS	EWES	WETHERS AND RAMS
	1,000 HEAD					
1964	11	2	2	-	8	1
1965	10	2	2	-	7	1
1966	10	2	2	-	7	1
1967	10	2	2	-	7	1
1968	10	2	2	-	7	1
1969	9.8	1.9	1.9	-	7	.9
1970	8.6	1.9	1.5	.4	6.1	.6
1971	8.2	1.7	1.4	.3	5.9	.6
1972	7.8	1.4	1.0	.4	5.8	.6
1973	7.5	1.4	1.0	.4	5.5	.6

SHEEP AND LAMBS: INVENTORY NUMBERS, LAMB CROP AND DISPOSITION, MASSACHUSETTS, 1964-1972 1/

YEAR	ON HAND JAN. 1 ALL SHEEP AND LAMBS	LAMBS SAVED	MARKETINGS 2/		FARM SLAUGHTER SHEEP AND LAMBS	DEATHS SHEEP AND LAMBS
			SHEEP	LAMBS		
	1,000 HEAD					
1964	11	7.4	2.4	3.7	.8	1.5
1965	10	6.0	1.6	2.4	.8	1.2
1966	10	6.7	1.4	3.4	.6	1.3
1967	10	6.8	1.4	3.6	.4	1.4
1968	10	7.1	1.3	4.1	.3	1.6
1969	9.8	6.8	2.6	3.9	.2	1.3
1970	8.6	5.8	1.6	3.2	.1	1.3
1971	8.2	5.3	1.5	2.8	.3	1.1
1972	7.8	5.2	1.3	2.9	.2	1.1

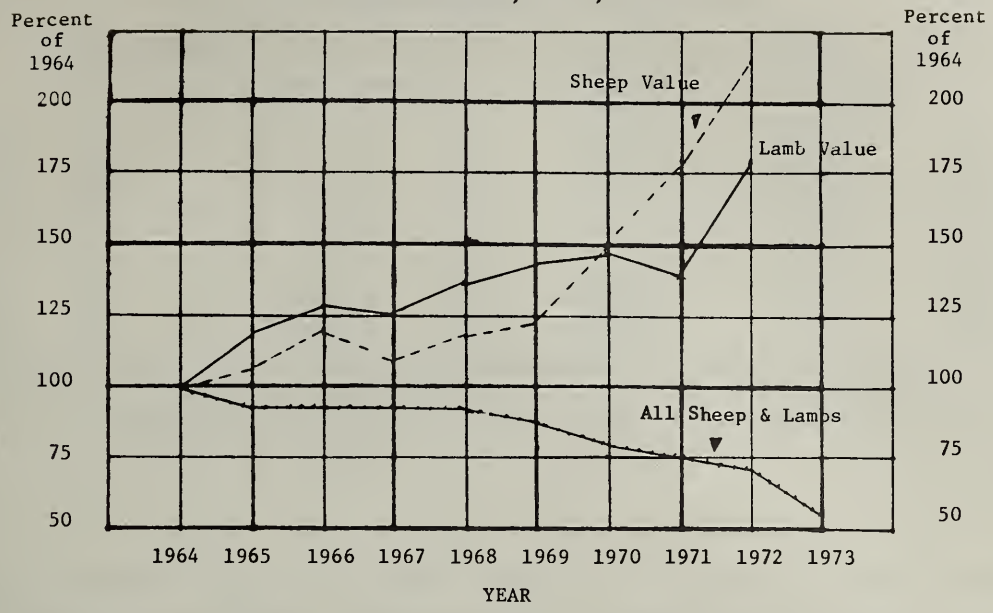
1/ Balance sheet estimates. Total of marketings, farm slaughter, deaths, and on hand end of year equals total of lamb crop, plus the number on hand beginning of year.
2/ Excludes interfarm sales.

SHEEP AND LAMBS: PRODUCTION AND INCOME, MASSACHUSETTS, 1964-1972

YEAR	PRODUCTION 1/	MARKETINGS 2/	PRICE PER 100 LBS.		CASH RECEIPTS 3/	VALUE OF HOME CONSUMPTION	GROSS INCOME
			SHEEP	LAMBS			
	1,000 POUNDS		DOLLARS		1,000 DOLLARS		
1964	457	516	5.60	18.20	64	10	74
1965	396	340	5.90	21.30	48	12	60
1966	452	388	6.80	23.10	67	12	79
1967	454	417	6.20	22.70	72	7	79
1968	471	452	6.50	24.90	88	5	93
1969	430	570	6.90	25.20	96	6	102
1970	356	419	8.40	26.00	80	3	83
1971	365	368	10.00	25.50	71	9	80
1972	345	360	12.00	32.50	91	7	98

1/ Adjustments made for numbers shipped in and changes in inventory.
2/ Excludes interfarm sales.
3/ Includes receipts from marketings and from sales of farm slaughtered meat.

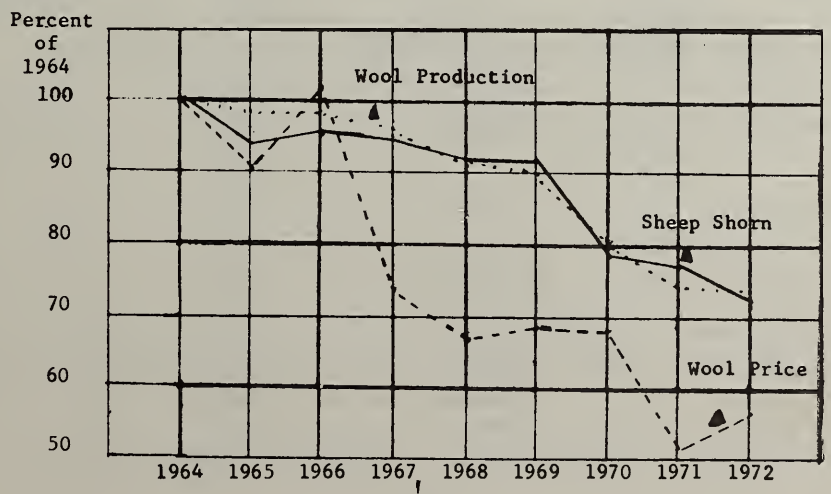
NUMBER AND VALUE OF SHEEP AND LAMBS,
AS A PERCENT OF 1964, MASS., 1964-73



WOOL: FARM PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1964-1972

YEAR	SHEEP SHORN	WEIGHT PER FLEECE	SHORN WOOL PRODUCTION	PRICE PER POUND	VALUE
	1,000 HEAD	POUNDS	1,000 POUNDS	CENTS	1,000 DOLLARS
1964	10	7.1	71	61	43
1965	9.4	7.4	70	55	38
1966	9.5	7.4	70	62	43
1967	9.5	7.3	69	45	31
1968	9.3	7.0	65	41	27
1969	9.3	6.9	64	42	27
1970	7.9	7.2	57	41	23
1971	7.7	6.9	53	31	16
1972	7.2	7.2	52	34	18

SHEEP SHORN, WOOL PRICE AND PRODUCTION,
AS A PERCENT OF 1964, MASS., 1964-1972



CHICKENS: NUMBER, VALUE, AND CLASSES OF CHICKENS ON FARMS, DECEMBER 1, MASSACHUSETTS, 1964-1972

YEAR	ALL CHICKENS	VALUE PER HEAD	VALUE TOTAL	HENS AND PULLETS OF LAYING AGE HENS	HENS AND PULLETS OF LAYING AGE PULLETS	OTHER CHICKENS
	1,000 HEAD	DOLLARS	1,000 DOLLARS	1,000 HEAD		
1964 1/	3,369	1.70	5,727	931	2,269	169
1965 1/	3,198	1.65	5,277	950	2,087	161
1966 1/	3,107	1.70	5,282	874	1,613	620
1967 1/	3,222	1.75	5,639	935	1,627	660
1968 1/	2,964	1.80	5,335	830	1,578	556
1969 1/	3,023	1.80	5,441	816	1,510	697
1969	3,038	1.75	5,317	911	1,380	747
1970	2,852	1.90	5,419	884	1,415	553
1971	2,795	1.85	5,171	894	1,325	576
1972	3,057	1.40	4,280	978	1,434	645

1/ January 1.

CHICKENS: PRODUCTION, DISPOSITION, CASH RECEIPTS, AND GROSS INCOME, MASSACHUSETTS, 1964-1972 1/

YEAR	NUMBER OF BIRDS PRODUCED 2/	NUMBER OF BIRDS CONSUMED 3/	NUMBER OF BIRDS SOLD	LIVEWEIGHT PRODUCED 2/	LIVEWEIGHT CONSUMED 3/	LIVEWEIGHT SOLD	PRICE PER LB.	CASH RECEIPTS	VALUE OF CHICKENS CONSUMED	GROSS INCOME
	1,000			1,000 POUNDS			CENTS		1,000 DOLLARS	
1964	2,115	67	2,219	11,586	322	12,204	11.1	1,355	36	1,391
1965	2,169	58	2,202	12,114	284	12,331	10.7	1,319	30	1,349
1966	2,302	42	2,145	13,181	214	12,656	11.0	1,392	24	1,416
1967	2,103	34	2,327	11,608	163	13,497	8.8	1,188	14	1,202
1968	1,956	22	1,875	11,027	103	11,062	8.8	973	9	982
1969	1,660	23	1,583	9,797	108	9,498	10.0	950	11	961
1970	1,352	18	1,520	8,102	85	8,816	9.6	846	8	854
1971	1,628	13	1,672	8,869	61	9,196	8.5	782	5	787
1972	1,902	12	1,628	10,089	55	8,791	9.5	835	5	840

1/ Does not include commercial broilers.
2/ Production is the number (or pounds) available for utilization during the year, i.e., sales plus home consumption, plus or minus change in inventory.
3/ Consumed in farm households on farms where produced.

BROILERS: PRODUCTION, PRICE AND INCOME, MASSACHUSETTS, 1964-1972

YEAR	NUMBER PRODUCED	POUNDS PRODUCED	PRICE PER POUND	GROSS INCOME
	1,000		CENTS	1,000 DOLLARS
1964	6,701	28,144	16.0	4,503
1965	6,079	26,140	17.0	4,444
1966	5,593	22,931	17.4	3,990
1967	5,593	22,931	15.4	3,531
1968	5,369	22,550	15.9	3,585
1969	3,216	14,472	17.5	2,533
1970	1,717	7,898	16.0	1,264
1971	725	3,770	15.5	584
1972	200	1,040	16.0	166

EGGS: NUMBER OF HENS AND PULLETS OF LAYING AGE, RATE OF LAY AND PRODUCTION, MASSACHUSETTS, 1964-1972

YEAR	HENS & PULLETS ANNUAL AVERAGE	RATE OF LAY 1/	EGG PRODUCTION
	THOUSANDS	NUMBER	MILLIONS
1964	2,650	225	595
1965	2,521	219	553
1966	2,425	219	531
1967	2,417	220	531
1968	2,284	223	509
1969	2,363	222	524
1970	2,370	220	521
1971	2,283	225	513
1972	2,297	233	535

1/ Annual rate of lay per layer on hand. (Eggs produced during year divided by average no. of layers).

EGGS: PRODUCTION, PRICE, CASH INCOME AND VALUE, MASSACHUSETTS, 1964-1972

YEAR	EGGS PRODUCED	EGGS SOLD	PRICE PER DOZEN	CASH INCOME FROM SALES	GROSS INCOME
	MILLIONS		CENTS	1,000 DOLLARS	
1964	595	592	45.7	22,545	22,659
1965	553	550	48.6	22,275	22,397
1966	531	529	50.2	22,130	22,214
1967	531	529	43.0	18,956	19,028
1968	509	507	46.6	19,688	19,766
1969	524	522	53.0	23,055	23,143
1970	521	519	50.9	22,014	22,099
1971	513	512	44.5	18,987	19,024
1972	535	534	42.9	19,091	19,127

TURKEYS: PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1964-1972

YEAR	TURKEYS RAISED 1/		NUMBER PRODUCED	POUNDS PRODUCED	PRICE PER POUND	VALUE OF PRODUCTION
	HEAVY	LIGHT	1,000	1,000 POUNDS	CENTS	1,000 DOLLARS
1964	336	9	344	6,398	31.2	2,031
1965	304	5	309	5,898	33.0	1,946
1966	309	11	320	5,976	33.8	2,020
1967	272	18	289	5,516	31.0	1,710
1968	234	16	250	5,279	31.0	1,636
1969	201	20	220	4,312	34.5	1,488
1970	209	15	2/	4,525	35.5	1,606
1971	173	19		3,840	35.5	1,363
1972	141	29		3,383	36.0	1,218

1/ The difference between the sum of the numbers of heavy and light breeds raised and the number produced is accounted for by death loss of mature turkeys.

2/ Discontinued

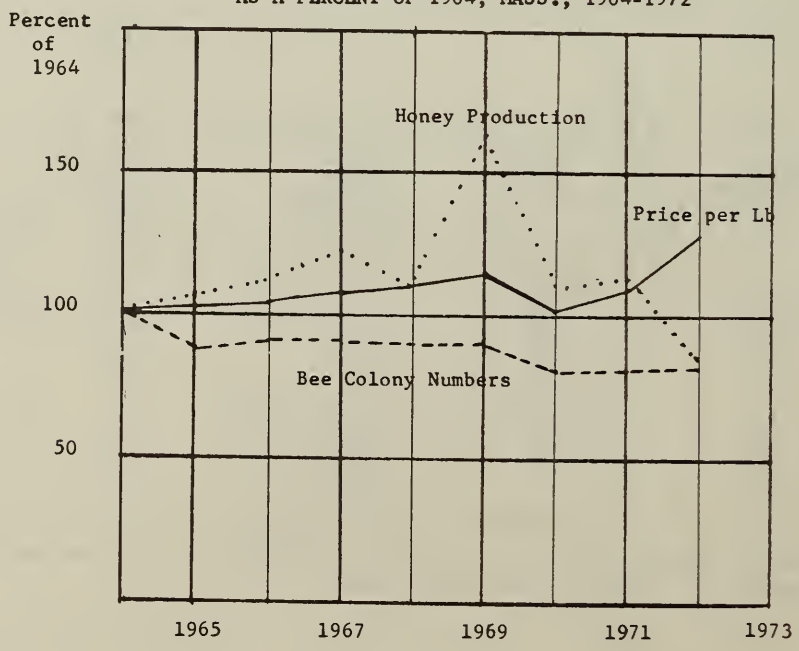
BEES, HONEY AND BEESWAX: COLONIES OF BEES, PRODUCTION, PRICE PER POUND AND VALUE OF PRODUCTION, MASSACHUSETTS, 1964-1972

YEAR	COLONIES OF BEES	HONEY				BEESWAX		
		YIELD PER COLONY	PRODUCTION	PRICE PER POUND	VALUE OF PRODUCTION	PRODUCTION	PRICE PER POUND	VALUE OF PRODUCTION
	1,000	LBS.	1,000 LBS.	CENTS	1,000 DOLS.	1,000 LBS.	CENTS	1,000 DOLS.
1964	11	18	198	38.5	76	4	47	2
1965	10	21	210	39.2	82	4	46	2
1966	10	22	220	40.2	88	4	47	2
1967	10	24	240	41.6	100	5	55	3
1968	10	22	220	42.7	94	4	55	2
1969	10	32	320	44.8	143	6	56	3
1970	9	24	216	39.2	85	4	75	3
1971	9	25	225	42.2	95	5	80	4
1972	9	19	171	50.0	86	3	75	2

Massachusetts apiarists kept 9,000 colonies of bees in 1972, unchanged from the past two years and the smallest on record. Honey production in 1972 totaled 171,000 pounds, 24 percent less than the previous year and the smallest of record. The average yield per colony in 1972 of 19 pounds, was down 6 pounds from the 1971 yield and the smallest since 1964. Honey production was held back in 1972 by generally unfavorable weather during most of the main honey flow. Wet, cool conditions were not conducive to bee activity.

The average price per pound for honey in 1972 was 50.0 cents, up from the 42.2 cents in 1971 and the highest on record. Average beeswax prices were 75 cents per pound, down from 80 cents in 1971. The value of Massachusetts honey production in 1972 was $86,000, compared with $95,000 the previous year.

BEE COLONIES, HONEY PRODUCTION AND PRICE, AS A PERCENT OF 1964, MASS., 1964-1972



MISCELLANEOUS

AGRICULTURAL

STATISTICS

MINK: FEMALES BRED TO PRODUCE KITS AND MINK PELTS PRODUCED BY COLOR CLASS, MASSACHUSETTS, 1969-72

COLOR CLASS	FEMALES BRED			PELTS PRODUCED		
	1970	1971	1972	1969	1970	1971
	1,000 FEMALES			1,000 PELTS		
Standard	7.9	5.6	1.6	19.7	26.2	14.1
Pastel	4.9	3.9	3.4	21.9	17.3	13.1
Pale Brown	.11	1/	1/	1/	1.1	.26
Sapphire	.76	.36	1/	4.3	1.5	1.0
Gunmetal	1/	1/		1/	1/	1/
Platinum	.33	1/	1/	1.7	1.8	1.3
Pearl	2.9	2.5	.74	12.5	11.8	3.2
Lavender-Hope	.51			2.0	1/	1/
Violet Type	2.0	.71	.44	12.3	5.9	2.2
White	1/	1/		1.1	1/	1/
Total	19.5	13.5	6.7	76.0	67.0	35.5

1/ Included in totals to avoid disclosing individual operations.

RANCHES PRODUCING MINK PELTS
IN MASSACHUSETTS, 1969-71

1969	1970	1971
43	45	24

MASSACHUSETTS MINK AND PELT PRODUCTION

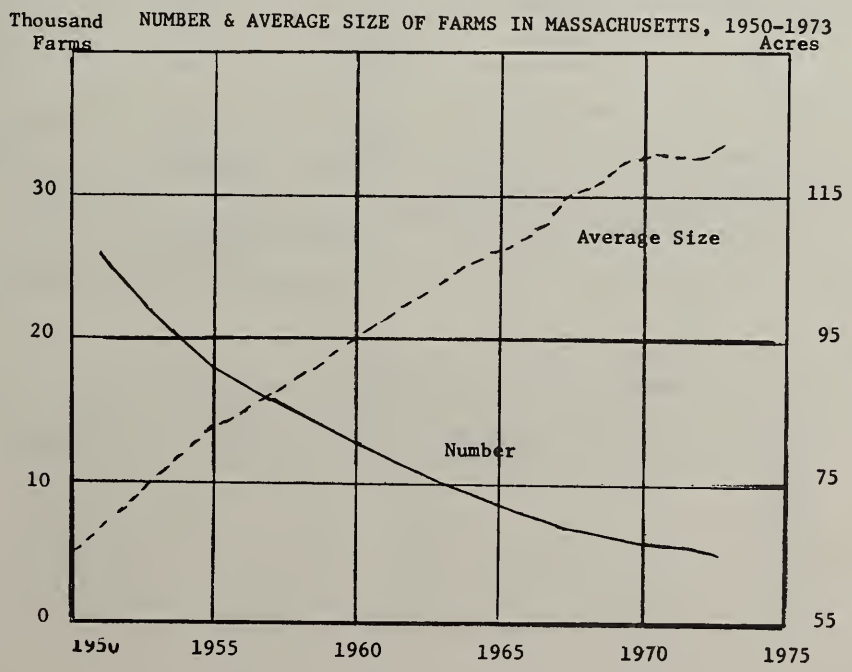
In recent years the number of mink raised in Massachusetts has dropped drastically. The domestic industry continues to feel strong price competition from foreign pelts. There were 6,700 females bred in 1972, only half the number a year earlier and a third of the number in 1970. Pelts produced in 1971 numbered 35,500, 47 percent less than in 1970 and 53 percent lower than in 1969. Of the pelts produced in 1971,40 percent were standard color and 37 percent were pastel color.

FARMS: NUMBER, AVERAGE SIZE, ACREAGE, MASSACHUSETTS, 1964-1973

YEAR	NUMBER OF FARMS	AVERAGE SIZE	LAND IN FARMS
		ACRES	ACRES
1964	9,400	106	1,000,000
1965	8,700	108	940,000
1966	8,100	110	890,000
1967	7,500	115	860,000
1968	7,000	117	820,000
1969	6,500	120	780,000
1970	6,300	121	760,000
1971	6,100	121	740,000
1972	5,900	122	720,000
1973	5,700	123	700,000

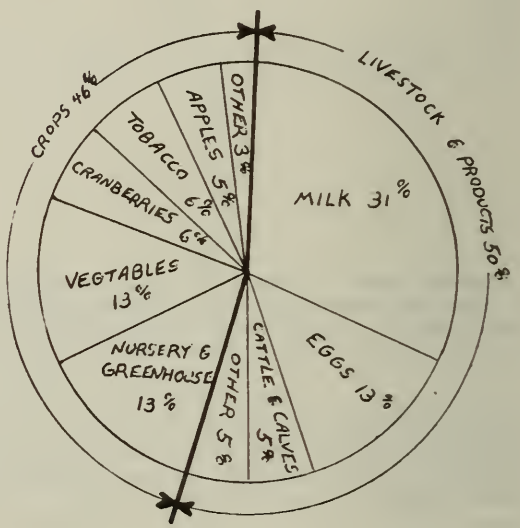
During the past 16 years acreage of Massachusetts land in farms has been cut in half. Shrinkage of land in farms has been mostly in land not used for crop production (only one fourth of land in farms in Massachusetts is used for crop production). In addition, considerable acreage of cropland has not been able to compete in the real estate market and has been converted to residential or industrial uses.

The decline in the number of farms has been relatively greater than the drop in land in farms. There has been a tendency for drop-out rate to be greatest among the smaller farms. In some cases, surviving farms have absorbed part or all of the places that have gone out of farming with the result that there has been a gradual increase in the average size of farm. The average number of acres per farm has approximately doubled since 1950.



CASH RECEIPTS FROM FARM MARKETINGS - MASSACHUSETTS - 1970-1972

Area/Commodity	1970	1971 1/	1972	1972 % of 1971
	Million Dollars			
MASSACHUSETTS				
Cattle and Calves	6.9	7.1	8.0	114
Hogs	3.7	3.4	4.5	132
Sheep and Lambs	.08	.07	.09	128
Milk	47.8	48.2	47.7	98
Eggs	21.4	18.9	19.6	103
Broilers	1.3	.5	.2	40
Chickens, Excl. Broilers	.8	.8	.8	100
Turkeys	1.6	1.4	1.3	98
Other Livestock and Poultry	1.8	1.7	1.5	88
Hay	1.2	1.7	1.7	100
Tobacco	10.9	11.1	8.7	78
Potatoes	2.6	2.5	1.6	64
Sweet Corn	3.5	4.0	3.7	92
Tomatoes	2.6	2.8	3.5	125
Lettuce	.7	.8	.9	112
Cabbage	.8	.8	1.0	125
Carrots	.3	.5	.4	80
Other Vegetables	7.0	8.3	8.5	102
Cranberries	10.3	11.6	8.9	76
Apples	6.9	7.0	8.0	114
Strawberries	.4	.4	.4	100
Peaches	.4	.4	.4	100
Other Fruits and Berries	.3	.3	.4	133
Maple Products	.2	.2	.2	100
Forest Products	.6	.6	.8	133
Nursery and Greenhouse	20.1	20.9	20.8	99
Misc. Crops	.2	.1	.2	200
STATE TOTAL 2/	154.8	156.4	153.8	98



1/ Revised
2/ Difference in total due to rounding

Cash receipts from farming in Massachusetts during 1972 totaled 153.8 million dollars, compared to 156.4 for 1971. Farmers received 83.7 million dollars from livestock and livestock product sales and 70.1 million dollars from crop sales in 1972.

NUMBER OF FAIRS AND ATTENDANCE: MASSACHUSETTS, 1968-1972

YEAR	NUMBER OF FAIRS	ATTENDANCE
1968	122	1,908,271
1969	128	2,142,723
1970	131	2,247,387
1971	130	1,895,067
1972	124	2,246,242

FARM PRODUCTION EXPENSES: MASSACHUSETTS, 1964-1971

YEAR	FEED	LIVE-STOCK	CURRENT FARM OPERATING EXPENSES				
			SEED 1/	FERTILIZER AND LIME	REPAIRS AND OPERATION OF 2/ CAPITAL ITEMS	MISCEL-LANEOUS 3/	HIRED LABOR 4/
	MILLION DOLLARS						
1964	38.5	4.2	4.2	4.3	13.0	13.9	25.0
1965	35.3	4.4	4.7	4.1	12.9	13.3	25.6
1966	36.1	4.4	4.7	4.0	13.0	13.6	24.5
1967	36.1	4.3	4.7	3.7	13.5	14.3	24.9
1968	31.3	4.3	4.3	3.1	13.8	15.0	25.2
1969	31.1	4.7	4.3	3.2	13.6	15.0	25.4
1970	30.2	4.1	4.2	3.1	13.3	14.7	26.6
1971	30.3	3.9	3.8	3.3	13.4	14.3	26.4

1/ Includes bulbs, plants, and trees.
2/ Repairs and maintenance of buildings, repairs and operation of motor vehicles and other machinery, and petroleum fuel and oil used in the farm business.
3/ Includes interest on non-real-estate debt, pesticides, ginning, electricity and telephones (business share), livestock marketing charges (excluding feed and transportation), containers, milk hauling, irrigation, grazing, binding materials, tolls for sirup, horses and mules, harness and saddlery, blacksmithing and hardware, veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail) and miscellaneous dairy, nursery, greenhouse, apiary, and other supplies.
4/ Includes cash wages, perquisities, and Social Security taxes paid by employers.

FARM PRODUCTION EXPENSES: MASSACHUSETTS, 1964-1971

YEAR	TOTAL CURRENT FARM OPERATING EXPENSES	DEPRE-CIATION 1/	TAXES ON FARM PROPERTY	INTEREST ON FARM MORTGAGE DEBT	NET RENT TO NONFARM 2/ LANDLORDS	TOTAL PRODUCTION EXPENSES
	MILLION DOLLARS					
1964	103.1	16.2	9.3	2.2	.1	130.7
1965	100.3	16.6	10.0	2.1	.1	129.1
1966	100.3	16.8	10.3	2.3	3/	129.7
1967	101.4	17.7	11.1	2.6	3/	132.8
1968	97.0	18.7	12.6	3.0	3/	131.3
1969	97.4	18.5	13.8	3.2	-.3	132.4
1970	96.2	18.2	14.8	3.3	-.3	132.1
1971	95.4	18.9	15.1	3.4	-.4	132.5

1/ Includes depreciation and accidental damage to farm buildings and depreciation of motor vehicles and other farm machinery and equipment.
2/ Minus sign in States reflects a net income position rather than a net expense position.
3/ Less than 0.05.

FARM EMPLOYMENT: TOTAL, FAMILY AND HIRED FARM WORKERS, ANNUAL AVERAGES, MASSACHUSETTS, 1964-1972

YEAR	TOTAL WORKERS	FAMILY WORKERS	HIRED WORKERS
		THOUSANDS OF PERSONS	
1964	27.0	17.0	10.0
1965	26.0	16.0	10.0
1966	25.0	15.0	10.0
1967	21.0	12.0	9.0
1968	19.0	11.0	8.0
1969	17.8	10.1	7.7
1970	17.2	9.7	7.5
1971	17.2	9.4	7.8
1972	16.6	9.4	7.2

FARM WAGE RATES: ANNUAL AVERAGES PER MONTH AND DAY, MASSACHUSETTS, 1964-1972

YEAR	PER MONTH	PER DAY
	WITH BOARD AND ROOM	WITHOUT BOARD OR ROOM
	DOLLARS	
1964	175.00	11.10
1965	181.00	11.20
1966	193.00	11.80
1967	209.00	12.80
1968	223.00	13.50
1969	248.00	14.90
1970	267.00	15.70
1971	303.00	17.00
1972	312.00	17.30

FARM WAGE RATES: ANNUAL AVERAGES PER WEEK AND HOUR, MASSACHUSETTS, 1964-1972

YEAR	PER WEEK		PER HOUR
	WITH BOARD AND ROOM	WITHOUT BOARD OR ROOM	WITHOUT BOARD OR ROOM
		DOLLARS	
1964	48.00	68.75	1.33
1965	48.00	69.25	1.43
1966	52.75	73.50	1.47
1967	58.00	82.00	1.61
1968	63.50	87.00	1.66
1969	67.25	92.00	1.81
1970	70.25	96.50	1.88
1971	77.75	101.75	1.98
1972	85.00	108.00	2.12

REALIZED GROSS AND NET INCOME FROM FARMING: MASSACHUSETTS, 1964-1972 1/

YEAR	REALIZED GROSS FARM INCOME					FARM PRODUCTION EXPENSES	REALIZED NET FARM INCOME 2/	NET CHANGE IN FARM INVENTORIES	TOTAL NET FARM INCOME 2/
	CASH RECEIPTS FROM FARM MARKETINGS	GOVERNMENT PAYMENTS	VALUE OF HOME CONSUMPTION	GROSS RENTAL VALUE OF FARM DWELLINGS	TOTAL				
	MILLION DOLLARS								
1964	161.5	.6	2.9	11.8	176.8	130.7	46.1	-3.3	42.7
1965	160.3	.6	2.2	11.7	174.8	129.1	45.7	- .8	44.9
1966	168.7	.6	2.1	11.4	182.8	129.7	53.0	- .5	52.5
1967	156.7	.7	1.7	11.5	170.5	132.8	37.7	-3.3	34.3
1968	158.7	.7	1.7	11.7	172.9	131.3	41.5	-1.0	40.5
1969	165.3	.6	1.7	11.8	179.5	132.4	47.0	-2.2	44.8
1970	163.7	.6	1.7	11.3	177.4	132.1	45.3	.5	45.7
1971	164.7	.5	1.6	11.5	178.3	132.5	45.8	- .7	45.1
1972	162.9								

1/ Details may not add to totals due to rounding.
2/ Of farm operators.

FERTILIZER CONSUMPTION: BY KINDS AND OF PRIMARY NUTRIENTS, MASSACHUSETTS, 1964-1972

YEAR ENDED JUNE 30	KIND OF FERTILIZER				PRIMARY NUTRIENTS		
	MIXED FERTILIZER	PRIMARY NUTRIENTS MATERIALS	SECONDARY AND MICRO-NUTRIENTS	TOTAL FERTILIZER	N	AVAILABLE P_2O_5	K_2O
	TONS						
1964	80,370	14,503	36	94,909	8,769	9,429	8,248
1965	76,830	16,415	76	93,321	8,425	8,684	7,741
1966	74,113	17,404	167	91,684	8,442	8,774	7,540
1967	67,464	14,894	19	82,377	7,756	7,617	7,125
1968	61,896	16,233	84	78,213	7,787	6,739	6,235
1969	58,554	17,987	139	76,680	8,450	6,594	6,189
1970	52,953	16,580	63	69,596	8,159	6,325	6,071
1971	47,774	23,298	51	71,123	7,727	6,842	5,514
1972	54,997	17,667	54	72,718	8,463	7,536	6,023

VALUE OF EXPORTS 1/ MASSACHUSETTS, 1970-1972

YEAR	TOBACCO UNMANUFACTURED	FRUIT AND PREPARATIONS	VEGETABLES AND PREPARATIONS	MEATS AND PRODUCTS EXCLUDING POULTRY	HIDES AND SKINS	POULTRY PRODUCTS	LARD AND TALLOW (EDIBLE AND INEDIBLE)	OTHER	TOTAL
	MILLION DOLLARS								
1970	1.1	.4	.4	.1	.1	.3	.1	.2	2.7
1971	1.4	.4	.5	.1	.8	.3	.1	.2	3.8
1972	3.8	.4	.6	.1	.7	.2	.1	.3	6.2

1/ Foreign agricultural trade of the United States.

Total value of Massachusetts exports rose sharply in 1972 to 6.2 million dollars. This was due almost entirely to increased tobacco exports. The value of all other items exported remained the same or changed slightly.

THE MASSACHUSETTS NURSERY INDUSTRY

One function of the Division of Plant Pest Control section in the Massachusetts Department of Agriculture is to inspect and certify all Massachusetts nurseries for freedom from injurious plant pests and diseases. Another function of the Division is to offer aid in the technical, production, and marketing problems that may confront the nurseryman.

The following facts pertaining to the Massachusetts nursery industry are offered due to their importance to the Bay States' economy:

The nursery crop production is a rapidly expanding industry in Massachusetts. Over the 10 year period 1962-72, land in nursery crops increased by about 500 acres, or better than 20%. This additional nursery acreage is still increasing each year.

Total sales of Massachusetts nursery and horticultural firms in 1972 were estimated to be about 15 million dollars. The yearly payroll of the Mass. Nurseries and other horticultural establishments in that year amounted to about 3.5 million dollars.

The number of nursery firms in Massachusetts is increasing. Records show that in the year 1920, there were 107 persons registered with this Department as nurserymen. In 1972 we have a record of about 500 nurserymen listed in this category.

The future plans of new highway construction and other urban developments will have an added beneficial effect on this vigorous and rapidly growing Massachusetts industry.

Number of nurseries inspected (1972)	467
Acreage of nurseries inspected	3,000
1/ Number of square feet under glass	1,800,000

1/ This figure represents only those greenhouses inspected by this division that ship plants to other states.

MONTHLY AND ANNUAL PRECIPITATION, SELECTED STATIONS, MASSACHUSETTS, 1972

Massachusetts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Deptr. from Normal
							Inches							
Western														
Adams	1.97	2.95	4.53	3.48	5.44	10.45	3.26	2.54	1.66	3.81	6.70	4.51	51.30	+ 5.90
Chesterfield	1.86	6.06	5.06	3.95	5.14	9.86	5.31	2.79	1.35	3.85	8.50	7.25	60.98	+12.23
Heath	2.04	4.08	4.58	4.06	6.38	8.58	4.23	2.63	1.56	4.95	8.13	7.32	58.54	+ 8.55
Hoosac Tunnel	2.44	4.27	4.00	4.31	7.59	8.35	3.69	3.05	2.36	3.33	7.09	5.89	56.37	+ 9.26
Plainfield	1.41	4.94	4.22	3.12	9.09	7.34	4.37	4.38	2.24	4.09	8.40	7.21	60.81+	+11.95
Stockbridge	1.77	3.08	3.64	3.73	8.64	8.73	3.40	3.28	1.44	3.40	6.40	6.18	53.69	+ 9.16
West Otis	2.41	3.52	3.97	4.01	4.53	9.33	4.76	2.60	1.10	3.81	7.20	6.43	53.67	+ 7.95
Central														
Amherst	1.86	3.47	4.85	4.06	4.72	10.25	2.42	2.25	1.84	2.51	6.92	6.81	51.96	+ 8.40
Blue Hill	2.21	6.59	7.37	3.72	6.29	7.15	3.10	1.67	6.69	3.97	9.17	7.58	65.51	+18.01
Boylston	2.51	4.79	7.70	4.03	5.34	8.84	3.27	1.79	4.40	4.10	8.61	4.70+	60.08+	+13.20+
Chestnut Hill	2.39	6.40	6.65	4.07	4.67	6.07	1.86	1.11	6.59	2.76	6.66	6.85	56.08	+11.68
Clinton	2.49	5.49	7.67	3.75	5.44	8.10	3.77	2.13	4.35	3.75	7.82	7.43	62.19	+15.62
Fitchburg	1.80	5.23	5.82	3.35	5.56	6.25	6.15	2.59	2.65	3.59	7.79	6.75	56.60	+10.86
Framingham	2.03	4.60	7.60	3.78	5.59	6.45	3.37	1.75	4.02	3.12	8.87	6.38	57.56	+12.39
Franklin	2.31	5.84	6.80	4.01	6.67	10.30	3.15	3.76	5.86	4.27	10.73	7.89	71.59	+27.10
Gardner	2.41	5.37	6.21	3.83	3.91	8.24	2.60	2.43	1.51	2.99	7.25	6.91	53.66	+10.06
Hardwick	2.25	4.60	6.20	4.15	4.80	7.10	4.70	2.85	1.65	3.18	6.24	7.41	55.13	+10.34
Haverhill	1.68	6.08	6.41	3.31	4.58	7.65	5.71	1.90	4.17	3.07	8.39	6.32	59.27	+18.76
Holyoke	1.68	3.76	5.48	4.34	4.23	8.85	5.69	2.28	1.24	3.94	7.14	6.87	55.50	+10.74
Hubbardston	2.39	4.24	6.12	4.28	4.83	6.71	4.28	2.63	2.46	2.92	6.92	6.66	54.44	+11.60
Lawrence	2.04	5.51	5.70	3.10	5.85	6.23	6.78	3.00	4.16	3.63	7.76	5.46	59.22	+18.26
Mansfield	2.08	5.49	7.39	3.41	6.02	7.88	2.18	3.28	6.31	4.66	8.80	8.03	65.53	+19.99
Milford	2.26	5.22	6.99	3.55	6.54	9.64	2.59	2.88	4.21	3.54	8.65	6.69	62.76	+17.91
Northbridge	2.26	5.40	7.83	3.51	5.83	7.62	3.30	1.88	4.19	3.71	7.93	6.96	60.42	+14.18
Petersham	2.26	3.30	5.52	4.25	3.88	7.06	2.93	2.87	1.63	3.00	6.27	6.10	49.07	+ 4.16
Shelburne Falls	2.27	6.02	5.13	4.43	6.05	7.84	4.55	3.57	1.32	3.88	8.96	6.78	60.80	+13.79
Southbridge	2.60	6.29	8.02	4.16	5.17	7.87	3.16	2.14	4.70	4.90	7.98	7.97	64.96	+15.80
Springfield	1.31	4.31	5.39	4.41	6.29	8.46	3.87	1.45	1.49	4.02	7.71	6.72	55.43	+10.32
Sterling	2.06	4.63	7.72	3.85	5.90	7.75	4.10	2.25	3.34	4.55	8.98	4.15+	59.28	+12.66
Turners Falls	1.92	3.30	6.19	4.09	6.90	7.46	2.91	4.59	1.82	2.92	7.78	6.99	56.87	+13.33
Westfield	1.66	2.83	5.26	4.48	4.73	9.24	4.84	1.61	1.42	4.12	7.90	7.07	55.16	+ 8.67
Winchendon	2.93	4.59	5.35	4.08	4.46	6.23	3.32	3.24	1.34	2.66	6.31	6.67	51.18	+ 8.39
Worcester	2.34	4.91	7.96	4.29	7.83	9.25	6.39	2.89	4.98	4.93	10.40	5.49	71.66	+25.29
Coastal														
Boston	2.05	5.29	5.37	3.34	5.26	6.76	2.19	.83	5.94	2.98	7.02	6.08	53.11	+10.34
Brockton	1.63	5.27	6.54	3.37	5.71	7.00	2.96	2.14	6.96	3.31	8.15	6.00	59.04	+18.08
East Wareham	2.76	5.74	5.37	5.00	6.25	8.83	3.71	3.28	14.56	3.32	7.88	7.24	73.94	+26.09
Fall River	2.56	5.80	7.09	3.95	5.90	6.64	2.77	1.63	7.28	4.52	8.12	7.18	63.44	+18.16
Hatchville	2.76	4.98	5.69	5.26	5.64	11.47	3.63	2.11	13.06	4.49	6.76	7.02	72.87	+26.75
Ipswich	1.67	6.42	7.32	3.43	4.53	8.67	5.60	.87	6.35	3.55	8.20	6.93	63.54	+18.85
Middleboro	1.73	6.19	6.73	3.16	5.57	7.54	2.05	2.33	8.18	4.16	6.75	6.83	61.22	+15.98
Middleton	1.47	5.44	5.91	3.20	4.92	9.04	5.66	3.67	5.34	3.40	8.38	6.68	63.11	+21.83
Nantucket	2.84	2.89	6.34	4.34	3.96	2.79	1.56	2.36	9.49	4.27	5.80	6.88	53.52	+ 9.86
New Bedford	2.89	6.41	6.86	5.00	5.51	10.03	4.68	2.31	8.54	3.52	8.34	7.43	71.52	+30.47
Newburyport	1.59	5.92	6.58	3.47	4.37	8.91	4.36	1.39	4.78	3.38	8.54	5.97	59.26	+16.58
Pembroke	2.08	7.25	7.82	4.22	5.95	5.43	4.40	1.94	10.09	3.96	9.21	8.43	70.78	+26.81
Plymouth	2.14	5.89	7.07	4.36	5.97	6.14	2.93	2.92	12.29	3.45	8.50	8.17	69.83	+23.51
Spot Pond	1.89	6.96	6.24	3.53	4.77	9.48	3.19	1.82	4.31	3.16	7.38	5.35	58.08	+ 9.28
Taunton	1.99	6.30	6.80	3.24	5.50	7.11	2.88	3.69	7.85	3.59	8.04	7.09	64.08	+20.10

National Weather Service

MONTHLY AND ANNUAL MEAN TEMPERATURES, SELECTED STATIONS, MASSACHUSETTS, 1972

Massachusetts	January Mean	January Deptr.	February Mean	February Deptr.	March Mean	March Deptr.	April Mean	April Deptr.	May Mean	May Deptr.	June Mean	June Deptr.	July Mean	July Deptr.
Western														
Adams	23.3	.5	20.2	-3.0	29.4	-2.4	38.5	-5.9	56.4	.9	62.3	-2.2	69.5	.1
Cummington Hill	23.1		19.0		27.8		36.8		55.3		59.6		67.5	
Hoosac Tunnel	22.5	.5	20.5	-2.6	28.5	-3.0	39.1	-4.6	55.3	.0	61.1	-3.9	68.2	-.5
Lanesboro	21.1		18.3		27.1		36.0		53.6		59.6		66.3	
Stockbridge	23.0	-.3	20.8	-3.0	30.2	-2.0	38.3	-6.2	56.1	.8	62.1	-1.1	69.2	1.5
Division	22.5	-.2	19.3	-4.0	28.5	-3.2	38.0	-6.2	55.8	.2	61.5	-2.7	68.9	.1
Central														
Amherst	27.2	2.1	24.1	-2.0	33.7	-1.3	42.1	-4.6	57.6	-.4	65.6	-1.2	72.4	.7
Bedford	27.5		25.2		32.9		42.6		56.9		64.4		72.0	
Blue Hill	28.6	1.6	25.3	-2.1	32.4	-2.4	42.0	-3.7	55.7	-1.0	62.9	-2.2	70.6	-.3
Chestnut Hill	29.9		25.2		33.8		42.9		56.9		64.7		72.0	
Clinton	25.7	-.5	23.2	-3.4	31.2	-3.3	40.9	-4.8	56.7	-.4	64.0	-1.7	71.0	.1
Dracut	25.6		22.7		31.3		41.1		55.5		63.6		70.4	
Dunstable	26.3		24.2		32.5		41.5		56.5		64.2		70.6	
Fitchburg	25.8	-.1	23.0	-3.7	31.7	-3.5	41.7	-5.0	57.2	-1.2	64.9	-2.4	72.0	-.3
Framingham	27.9	+.4	25.5	-2.9	34.2	-2.6	43.6	-4.4	58.7	-.5	66.5	-1.5	73.6	.4
Haverhill	29.1	1.1	26.1	-3.0	34.3	-2.8	44.0	-4.4	58.6	-1.2	66.3	-2.1	73.4	-.4
Lawrence	28.8	2.8	25.3	-1.7	32.8	-2.5	43.2	-3.4	57.5	-.3	64.4	-2.4	72.0	-.3
Shelburne Falls	22.2	-.7	19.7	-3.7	29.8	-2.6	38.9	-5.7	55.9	.1	63.3	-1.8	70.0	.1
Springfield	28.4	-.1	26.2	-3.5	34.1	-3.9	43.5	-6.3	59.7	-1.3	65.7	-3.6	74.1	.1
Turners Falls	24.2	-.5	22.7	-3.3	31.4	-3.5	41.2	-5.9	57.4	-1.5	64.8	-2.9	71.9	-.4
West Medway	26.6		24.1		33.0		41.6		56.4		64.2		71.6	
Worcester	26.4	2.4	23.3	-1.6	30.4	-2.4	40.4	-4.2	55.7	.5	62.2	-2.4	71.1	1.3
Division	26.0	-.3	23.2	-4.1	31.8	-3.7	41.2	-5.7	56.5	-1.7	63.9	-2.9	71.2	-.8
Coastal														
Boston	33.0	3.1	29.6	-.7	36.3	-1.4	44.9	-3.0	57.6	-1.2	65.4	-2.4	73.8	.1
Brockton	30.5		26.5		35.0		41.9		55.7		63.1		70.8	
East Wareham	30.7	1.7	27.4	-1.7	34.6	-1.5	41.4	-4.3	55.3	-.6	63.8	-.9	70.9	-.1
Edgartown	32.9		29.0		36.4		41.3		54.3		62.6		69.0	
Fall River	31.6	1.9	28.4	-1.8	35.6	-1.7	43.3	-4.0	57.2	-.5	64.2	-2.4	72.4	-.2
Hingham	31.0		27.4		35.1		42.6		56.4		64.3		70.9	
Hyannis	33.5		29.5		36.1		41.4		55.1		62.6		69.3	
Nantucket	33.7	.7	29.0	-1.6	34.8	-1.3	40.7	-3.6	50.8	-1.8	59.5	-1.8	65.6	-2.4
New Bedford	34.5	2.8	31.5	-.2	38.2	.0	45.9	-1.4	58.7	1.3	65.4	-.5	74.1	2.1
Peabody	29.0		26.1		33.3		42.0		56.3		64.2		71.7	
Plymouth	28.6		25.3		34.2		40.4		54.8		63.9		69.8	
Rockport	31.1		27.5		34.2		41.2		53.4		61.8		68.1	
Taunton	28.9	.3	26.5	-2.9	34.6	-2.1	41.8	-4.9	55.9	-1.4	63.3	-2.6	70.2	-1.3
Woods Hole	35.4		31.7		37.0		43.0		55.1		62.9		69.8	
Division	31.5	1.5	28.1	-2.0	35.3	-1.5	42.1	-4.1	55.4	-.9	63.4	-1.6	70.4	-.6

SUMMARY OF MASSACHUSETTS WEATHER IN 1972

The dominant theme of 1972 was the frequency and amount of precipitation and associated cloudiness. Despite a dry beginning, with January totals well below normal, annual totals ranged from nearly 50 to about 74 inches, as shown on the accompanying map. Many stations broke their all-time records. These included New Bedford, with 71.52 inches topping the previous high of 65.41 inches set in 1829, from a record covering 159 years. Worcester, with 71.66 inches, exceeded the previous 132 year record set in 1852 by nearly 10 inches. June, November and December were the wettest months, generally. September also had excessive totals in the southeastern portion where Storm Carrie was effective on September 3.

Frequent or heavy rains prevailed during much of the more agriculturally active period. The following maps show the May through September totals of rainfall and percentages of normal, respectively. The Buzzards Bay-Cape Cod Canal area received more than double the normal rainfall during these five months, with totals exceeding the total annual precipitation of some years.

Had 1972 not been so wet, the persistently cool temperatures would have made headlines. For much of the State every month of the year averaged below normal, with the Central Climatic Division averaging 2.8° below normal for the year. The nearest normal month was December in this Division, with only a -.2° departure from normal, while October was below normal by 6.0°. The Western Division (The Berkshires) was below normal in all but May, July and December and averaged 2.1° below normal for the year. April averaged 6.2° below normal while December was 1.6° above normal. The Coastal Division was below normal on all months but January, September and December. The year averaged 1.2° below normal, with both April and October averaging 4.1° below normal and December 2.5° above normal.

National Weather Service

MONTHLY AND ANNUAL MEAN TEMPERATURES, SELECTED STATIONS, MASSACHUSETTS, 1972 CONT'D.

Massachusetts	August		September		October		November		December		Year	
	Mean	Deptr.	Mean	Deptr.	Mean	Deptr.	Mean	Deptr.	Mean	Deptr.	Mean	Departure
Western												
Adams	65.7	-1.4	59.0	-.4	43.9	-5.2	33.7	-4.3	28.5	2.3	44.2	-1.8
Cummington Hill	64.7		59.3		42.7		31.9		25.9		42.8	
Hoosac Tunnel	65.3	-1.3	59.3	-.1	44.2	-5.0	34.0	-3.6	28.0	2.8	43.8	-1.7
Lanesboro	62.7		57.0		41.5		32.5		26.0		41.6	
Stockbridge	65.9	.3	59.4	.9	44.4	-4.6	34.7	-3.9	28.8	2.1	44.4	-1.3
Division	65.3	-1.3	59.0	-.1	43.5	-5.6	33.9	-4.1	27.5	1.5	43.6	-2.2
Central												
Amherst	68.4	-1.2	62.6	.6	47.6	-4.2	37.3	-3.1	30.3	2.0	47.4	-1.1
Bedford	68.6		61.6		46.9		37.7		29.9		47.2	
Blue Hill	68.0	-1.4	62.1	-.3	47.9	-4.8	38.0	-4.0	31.3	1.3	47.1	-1.6
Chestnut Hill	68.2		62.4		46.3		38.8		29.8		47.6	
Clinton	67.5	-1.7	61.4	-.6	47.2	-5.0	37.0	-4.7	28.6	-1.3	46.2	-2.8
Dracut	66.4		60.0		45.3		36.5		28.2		45.6	
Dunstable	67.2		60.5		46.5		35.5		28.0		46.1	
Fitchburg	68.6	-2.0	62.3	-.3	47.6	-4.8	36.4	-4.8	29.1	-.1	47.7	-1.3
Framingham	70.9	-.4	64.2	.5	48.2	-4.8	39.1		31.5		48.7	-1.5
Haverhill	70.4	-1.4	64.0	-.3	49.7	-4.3	38.9	-4.3	30.1	-1.1	48.7	-2.1
Lawrence	69.0	-1.4	62.9	.1	49.1	-3.5	37.4	-4.4	30.8	1.3	47.8	-1.3
Shelburne Falls	68.1	-1.8	59.8	-.4	44.3	-5.4	34.6	-3.8	27.6	1.5	44.4	-2.0
Springfield	71.3	-.9	65.1	.3	49.5	-5.5	39.5	-4.0	30.3	.0	49.0	-3.4
Turners Falls	67.9	-2.4	61.9	-.7	46.7	-5.3	36.3	-4.0	29.1	1.1	46.3	-2.4
West Medway	68.3		61.4		46.5		37.7		31.3		46.9	
Worcester	66.9	-1.4	59.7	-1.1	44.7	-5.8	34.9	-4.3	27.6	.6	45.3	-1.5
Division	67.6	-2.5	61.3	-1.3	46.4	-6.0	36.6	-4.9	29.2	-.2	46.2	-2.9
Coastal												
Boston	71.5	-.2	65.7	.4	51.8	-3.2	42.3	-2.6	33.0	-.3	50.4	-0.1
Brockton	69.1		62.6		47.7		39.4		34.7		48.1	
East Wareham	69.1	-.7	63.5	.7	48.9	-4.0	40.0	-3.2	35.8	3.9	48.5	
Edgartown	68.9		64.3		51.0		42.5		38.5		49.2	
Fall River	70.5	-.7	64.8	.5	49.9	-4.5	40.6	-3.3	35.1	2.4	49.5	-1.2
Hingham	68.7		62.7		48.7		39.9		34.2		48.5	
Hyannis	68.5		63.8		50.1		42.4		37.9		49.2	
Nantucket	66.1	-2.0	62.2	-.7	49.1	-5.2	42.1	-3.8	38.4	2.3	47.7	-1.4
New Bedford	73.1	1.9	67.2	2.2	53.0	-2.9	43.6	-2.3	38.6	3.8	52.0	+0.6
Peabody	68.9		63.0		48.7		38.7		31.0		47.7	
Plymouth	67.8		63.3		47.4		40.0		34.9		47.5	
Rockport	67.1		62.8		48.9		40.8		34.0		47.6	
Taunton	67.4	-2.4	62.3	-.4	46.5	-6.0	39.3	-3.3	32.9	1.5	47.5	+0.6
Woods Hole	70.4		65.4		52.9		44.2		38.9		50.6	
Division	68.8	-1.1	63.7	.5	49.6	-4.1	41.2	-2.9	35.5	2.5	48.8	

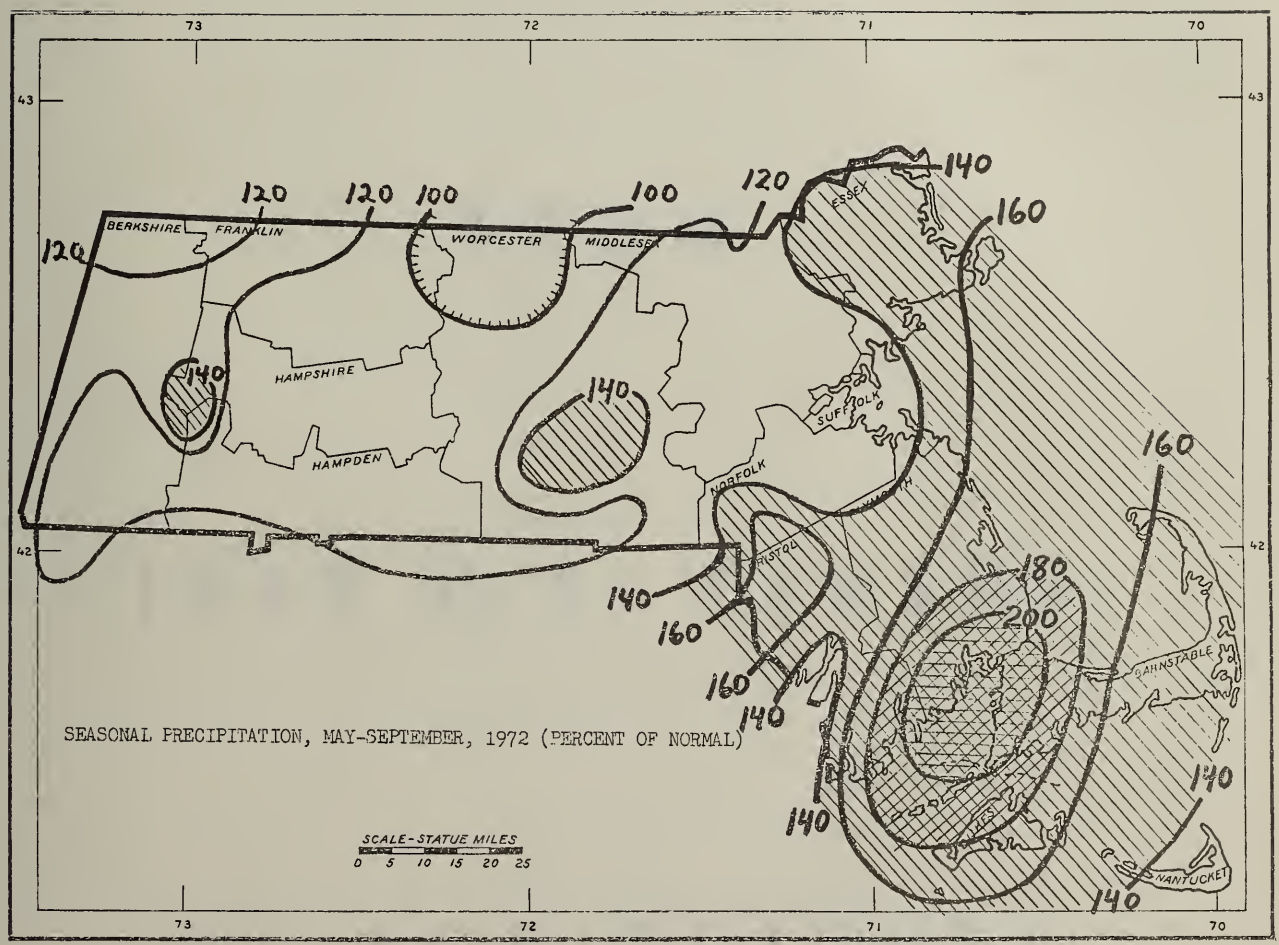
The growing season, or period free of any 32° freeze was generally one to two weeks shorter than the average. The last spring freeze at some of the State's colder spots did not occur until June 12, when a reading of 26° was observed at Chester and 32° at Barre Falls Dam. Freezing probably occurred in many lowland "frost pockets" on this date in many areas of the State. Many more stations had their last spring freeze on May 26 or 27th, but many other stations reported no freeze after April 27. A few of the warmest coastal stations had the last freeze on April 9th. A freeze threatened right in mid-summer at the cold-prone areas, and perhaps occurred in some low swampy areas, on August 5, when Chester reported a station reading of 33°. The first official occurrence of a freeze in fall was on September 11th, at Chester. A few more stations reported freezes on September 21, with many having the first occurrence on October 2. All but a few favored stations had a freeze by October 11, while October 20 saw a quite general freeze. The length of the freeze-free period varied from 91 days at Chester to 194 days at Boston. Many of the more exposed stations had a season of 128 days, May 27-October 2, and many of those somewhat more protected had a season of 167 days, from April 27 to October 11.

Sunshine was scant. At Boston less sunshine was recorded than in any previous year, with observations beginning in 1893. The amount was only 50% of possible, as compared with a normal of 60%. March, May, June, November and December were all very deficient in sunshine. The November-December combination also set a new record for least sunshine. July was the only very sunny month, with 70% of possible, 5 points over the normal. Days with fog were more numerous than usual, and thunderstorm activity was somewhat more frequent than the past average.

National Weather Service

TOTAL PRECIPITATION, YEAR 1972 (INCHES)

SEASONAL PRECIPITATION, MAY-SEPTEMBER, 1972 (INCHES)



National Weather Service

SELECTED DATA

FROM

1969 U.S. CENSUS

OF AGRICULTURE

CROPS

FIELD CORN: NUMBER OF FARMS, ACREAGE AND PRODUCTION, BY COUNTY, 1964 AND 1969

County	Harvested for grain			Harv. for silage			Cut for fodder	
	Farms Rptg.	Acres	Production	Farms Rptg.	Acres	Production	Farms Rptg.	Acres
	Number		Bushels	Number		Tons	Number	
Barnstable								
1964	-			1	38	680	NA	
1969	-			1	30	450	-	
Berkshire								
1964	13	181	10,996	133	2,543	29,946	NA	43
1969	11	146	13,889	90	3,441	63,537	10	65
Bristol								
1964	6	71	4,331	139	3,538	36,922	NA	107
1969	2	21	1,680	117	4,119	65,386	3	15
Essex								
1964	5	26	1,273	54	904	11,141	NA	55
1969	4	11	660	30	820	14,117	4	27
Franklin								
1964	8	118	3,780	194	3,595	50,857	NA	99
1969	10	161	11,186	151	4,141	81,395	4	129
Hampden								
1964	11	103	5,475	87	1,337	15,035	NA	78
1969	15	170	14,980	76	1,641	25,881	6	27
Hampshire								
1964	47	557	47,231	160	3,091	36,833	NA	62
1969	47	1,181	104,224	124	3,865	69,821	6	39
Middlesex								
1964	5	59	1,266	58	1,264	13,415	NA	29
1969	-	-	-	47	1,331	22,974	4	13
Norfolk								
1964	1	2	100	14	224	2,142	NA	1
1969	-	-	-	13	335	3,846	-	-
Plymouth								
1964	4	27	3,005	44	798	8,446	NA	19
1969	1	8	200	22	596	10,568	2	8
Worcester								
1964	13	135	10,467	279	4,704	58,454	NA	96
1969	8	136	11,508	198	5,587	101,398	7	44
STATE								
1964	113	1,279	87,924	1,163	22,036	263,871	NA	589
1969	98	1,834	158,327	869	25,906	459,373	46	367

NA - Not available

POTATOES: NUMBER OF FARMS, ACRES AND PRODUCTION, BY COUNTY, 1964 AND 1969

County	Farms Reporting		Acres		Production	
	1964	1969	1964	1969	1964	1969
					Cwt.	
Barnstable	6	1	6	1	625	76
Berkshire	19	5	173	23	35,489	3,880
Bristol	32	20	273	331	54,965	74,137
Essex	48	7	90	29	15,996	4,270
Franklin	67	36	1,243	1,238	216,962	224,965
Hampden	31	8	514	310	91,108	62,382
Hampshire	109	64	2,974	2,704	582,725	490,429
Middlesex	31	17	165	33	42,122	5,949
Norfolk	8	5	5	4	428	550
Plymouth	15	12	62	26	5,503	5,131
Worcester	41	15	85	28	13,868	6,178
STATE	416	192	5,597	4,743	1,060,703	882,947

U.S. Census of Agriculture

VEGETABLES: NUMBER OF FARMS AND ACRES, SELECTED VEGETABLES, BY COUNTY, 1964 AND 1969

County	All Vegetables		Tomatoes		Sweet Corn		Cucumbers		Snap Beans	
	No. of Farms	Acres Harv.	No. of Farms	Acres Harv.	No. of Farms	Acres Harv.	No. of Farms	Acres Harv.	No. of Farms	Acres Harv.
Barnstable										
1964	12	325	10	8	8	114	9	3	7	5
1969	7	289	4	5	7	97	4	1	3	3
Berkshire										
1964	18	131	2	1	16	113	2	-	-	
1969	11	159	4	1	11	137	5	1	5	2
Bristol										
1964	122	2,800	85	269	66	579	53	129	43	85
1969	118	2,571	83	232	66	585	54	107	39	81
Essex										
1964	87	1,601	60	69	64	651	39	19	43	59
1969	72	1,666	43	67	50	813	31	84	30	46
Franklin										
1964	67	653	10	8	32	290	33	148	2	1
1969	57	778	11	10	25	258	44	336	9	3
Hampden										
1964	75	1,980	53	106	52	914	31	31	28	73
1969	58	2,075	36	97	41	935	25	88	25	58
Hampshire										
1964	156	1,393	27	37	47	369	74	326	10	8
1969	123	1,507	26	39	53	537	61	314	13	13
Middlesex										
1964	135	3,328	79	72	88	1,471	49	34	63	242
1969	93	3,098	55	58	68	1,717	45	41	55	217
Norfolk										
1964	17	136	9	6	15	92	4	1	7	5
1969	25	241	15	14	21	165	9	4	11	6
Plymouth										
1964	56	1,196	35	46	46	605	26	20	28	155
1969	32	673	15	18	30	389	14	13	13	57
Worcester										
1964	92	1,181	55	40	84	605	42	19	39	40
1969	80	1,129	49	46	73	680	30	16	25	34
STATE										
1964	844	14,825	432	667	524	5,842	368	733	276	677
1969	684	14,296	347	613	451	6,359	324	1,004	230	522

STRAWBERRIES: NUMBER OF FARMS, ACRES AND PRODUCTION, BY COUNTY, 1964 AND 1969

County	Farms Reporting		Acres		Quantity Pounds	
	1964	1969	1964	1969	1964	1969
Barnstable	3	2	7	5	39,900	38,300
Berkshire	1	2	3	1	4,500	2,700
Bristol	23	16	19	13	116,549	67,050
Essex	42	21	35	21	253,796	83,396
Franklin	5	5	3	7	17,405	37,426
Hampden	22	17	42	33	190,901	131,743
Hampshire	15	12	14	11	44,490	24,032
Middlesex	33	17	21	13	130,161	58,200
Norfolk	3	5	2	3	3,435	4,224
Plymouth	20	10	19	24	83,309	21,550
Worcester	29	19	30	19	100,539	87,825
STATE	199	128	195	151	993,083	561,946

U.S. Census of Agriculture

FLOWER SEEDS, VEGETABLE SEEDS AND VEGETABLE PLANTS, BY COUNTY, 1964 AND 1969

County	Farms Reporting		Square Feet Under Glass or Other Protection		Acres in Open		Sales Dollars	
	1964	1969	1964	1969	1964	1969	1964	1969
Barnstable	6	2	4,922	2,350	1	-	9,150	4,730
Berkshire	10	6	24,965	46,500	-	-	21,795	143,800
Bristol	18	9	251,616	39,070	10	Z	187,905	46,223
Essex	21	10	62,200	35,255	1	14	32,323	82,190
Franklin	3	1	4,200	-	3	D	6,400	D
Hampden	16	17	77,550	73,752	28	4	67,454	160,864
Hampshire	9	7	13,946	19,500	-	2	7,851	21,498
Middlesex	58	19	747,942	139,600	5	14	566,395	149,850
Norfolk	16	6	58,342	D	9	-	127,045	D
Plymouth	14	5	83,974	11,308	3	2	75,750	19,354
Worcester	32	5	133,730	34,354	5	-	118,380	40,050
STATE	207	89	1,475,837	444,754	66	56	1,231,448	770,359

Z - Less than half of the unit reported.
D - Data withheld to avoid disclosure of information for individual farms.

CUT FLOWERS, FLORIST GREENS AND POTTED BEDDING PLANTS, BY COUNTY, 1964 AND 1969

County	Farms Reporting		Square Feet Under Glass or Other Protection		Acres in Open		Sales Dollars	
	1964	1969	1964	1969	1964	1969	1964	1969
Barnstable	18	5	48,754	40,150	5	2	78,650	137,800
Berkshire	17	10	147,550	57,300	5	4	207,900	151,500
Bristol	55	26	415,426	219,570	30	25	751,687	620,226
Essex	106	43	998,481	694,342	25	19	1,498,958	916,794
Franklin	9	5	59,001	3,800	3	1	75,100	12,337
Hampden	33	20	293,261	236,550	28	40	608,163	499,286
Hampshire	19	12	452,184	612,790	8	2	784,261	1,195,171
Middlesex	209	127	4,012,971	3,602,199	64	61	5,930,094	7,432,130
Norfolk	74	29	940,271	468,342	20	9	1,463,032	1,093,616
Plymouth	58	24	598,567	376,988	26	7	1,046,853	1,026,490
Worcester	94	40	943,393	284,583	23	14	1,269,675	552,440
STATE	714	350	9,148,674	6,835,714	241	196	14,157,226	14,203,418

VEGETABLES GROWN UNDER GLASS OR OTHER PROTECTION, 1969

County	Tomatoes			Cucumbers			Lettuce			Other Vegetables		
	Farms Rptg.	Sq. ft. under glass or other protect.	Sales dols.	Farms Rptg.	Sq. ft. under glass or other protect.	Sales dols.	Farms Rptg.	Sq. ft. under glass or other protect.	Sales dols.	Farms Rptg.	Sq. ft. under glass or other protect.	Sales dols.
Barnstable	1	1,500	975	-			-			-		
Berkshire	-			-			-			-		
Bristol	9	351,660	150,780	2	D	D	-			1	D	150
Essex	5	3,308	D	-			-			2	12,000	D
Franklin	1	4,400	D	-			-			-		
Hampden	5	190,250	71,683	1	3,560	2,000	-			-		
Hampshire	-			-			-			-		
Middlesex	17	325,547	204,704	5	128,000	95,900	6	98,000	30,324	4	20,805	D
Norfolk	1	12,000	6,000	-			-			-		
Plymouth	5	26,000	16,650	-			-			-		
Worcester	5	43,400	D	1	3,600	D	-			-		
STATE	49	958,065	481,779	9	180,160	135,800	6	98,000	30,324	7	33,105	32,800

D - Data withheld to avoid disclosure of information for individual farms.

APPLES: ACRES OF TREES, NUMBER OF TREES AND QUANTITY HARVESTED, 1969

County	Farms Reporting	Acres in Trees of All Ages	Trees					Apples Harvested	
			Of All Ages	Not of Bearing Age		Of Bearing Age		Farms Reporting	Quantity Harvested (Pounds)
				Farms Reporting	Number	Farms Reporting	Number		
Barnstable	1	14	600	1	200	1	400	1	86,000
Berkshire	5	63	1,770	1	200	5	1,570	1	810,000
Bristol	10	111	5,092	6	502	10	4,590	9	607,196
Essex	13	481	19,027	6	3,147	13	15,880	12	4,845,449
Franklin	23	977	35,220	14	6,683	23	28,537	20	7,732,714
Hampden	33	1,072	44,226	26	7,784	33	36,442	31	10,470,742
Hampshire	21	639	35,222	11	13,834	20	21,388	19	6,152,860
Middlesex	44	1,868	89,917	24	19,883	44	70,034	42	19,089,545
Norfolk	11	121	4,310	6	108	11	4,202	11	841,701
Plymouth	9	111	2,493	6	286	8	2,207	7	553,886
Worcester	70	3,575	164,770	38	34,160	69	130,610	61	38,235,940
STATE	241	9,037	402,852	140	86,817	238	316,035	215	89,435,033

PEACHES: ACRES OF TREES, NUMBER OF TREES AND QUANTITY HARVESTED, 1969

County	Farms Reporting	Acres in Trees of All Ages	Trees					Peaches Harvested	
			Of All Ages	Not of Bearing Age		Of Bearing Age		Farms Reporting	Quantity Harvested (Pounds)
				Farms Reporting	Number	Farms Reporting	Number		
Barnstable	1	2	280	1	120	1	160	1	10,000
Berkshire	-	-	-	-	-	-	-	-	
Bristol	8	25	2,525	5	510	8	2,015	7	224,207
Essex	6	25	1,335	3	83	5	1,252	5	137,199
Franklin	3	16	1,290	1	300	3	990	3	53,000
Hampden	14	76	6,195	9	1,683	14	4,512	13	474,973
Hampshire	6	36	1,825	2	125	6	1,700	5	103,600
Middlesex	17	114	11,239	9	1,287	17	9,952	16	612,154
Norfolk	2	8	571	-	-	2	571	2	84,045
Plymouth	3	4	402	3	213	2	189	2	10,078
Worcester	39	NA	11,671	13	2,205	36	9,466	34	966,341
STATE	83	494	40,663	47	7,386	80	33,277	74	2,386,795

PEARS: ACRES OF TREES, NUMBER OF TREES AND QUANTITY HARVESTED, 1969

County	Farms Reporting	Acres in Trees of All Ages	Trees					Pears Harvested	
			Of All Ages	Not of Bearing Age		Of Bearing Age		Farms Reporting	Quantity Harvested (Pounds)
				Farms Reporting	Number	Farms Reporting	Number		
Barnstable	1	1	40	-	-	1	40	1	12,000
Berkshire	2	2	140	2	40	2	100	2	240
Bristol	9	17	1,970	3	95	9	1,875	9	44,542
Essex	5	11	888	2	129	5	759	4	97,940
Franklin	3	4	150	-	-	3	150	3	9,000
Hampden	10	20	1,263	6	674	9	589	9	109,100
Hampshire	6	18	1,250	3	240	6	1,010	6	144,900
Middlesex	19	141	9,948	7	850	15	9,098	15	718,994
Norfolk	1	2	250	-	-	1	250	1	4,167
Plymouth	2	2	58	2	58	-		-	
Worcester	15	43	2,830	9	860	14	1,970	12	225,300
STATE	73	261	18,787	34	2,946	65	15,841	62	1,366,183

NA - Not available

U.S. Census of Agriculture

HAY: NUMBER OF FARMS REPORTING, ACRES AND QUANTITY HARVESTED, BY TYPE, 1964 AND 1969

County	Alfalfa and Alfalfa Mixtures			Clover, timothy and mixtures of clover			Hay crops cut and fed green		
	Farms Rptg.	Acres	Quantity Tons	Farms Rptg.	Acres	Quantity Tons	Farms Rptg.	Acres	Quantity Tons
Barnstable									
1964	5	65	161	4	90	117	NA		
1969	1	5	10	1	6	12	-		
Berkshire									
1964	120	4,092	9,367	199	10,218	15,283	NA		
1969	71	3,116	7,302	139	9,203	18,660	19	518	3,297
Bristol									
1964	83	1,406	2,693	181	4,225	7,654	NA		
1969	58	1,354	3,518	101	2,507	4,692	25	411	2,433
Essex									
1964	66	1,728	2,985	142	5,645	7,803	NA		
1969	38	1,146	2,072	89	4,757	7,064	7	171	587
Franklin									
1964	180	3,248	7,605	276	9,174	15,176	NA		
1969	130	3,675	11,224	191	6,175	13,615	23	460	3,043
Hampden									
1964	74	1,639	2,494	144	4,704	6,571	NA		
1969	63	1,572	3,848	100	2,947	5,607	11	125	607
Hampshire									
1964	121	2,451	5,415	164	6,384	9,969	NA		
1969	90	2,186	5,787	111	4,477	8,954	18	313	2,144
Middlesex									
1964	94	2,548	5,258	164	6,384	9,969	NA		
1969	52	1,906	5,543	111	4,477	8,954	13	253	1,350
Norfolk									
1964	37	919	1,468	65	2,360	3,574	NA		
1969	33	1,282	2,438	32	1,314	2,471	5	175	560
Plymouth									
1964	51	932	1,988	105	3,543	5,405	NA		
1969	24	565	1,488	54	1,689	3,116	15	399	2,100
Worcester									
1964	297	6,942	15,701	552	22,876	36,362	NA		
1969	215	5,611	15,744	305	13,186	26,785	48	697	4,049
STATE									
1964	1,129	26,000	55,150	2,117	79,004	123,948	NA		
1969	776	22,439	58,982	1,309	53,588	107,023	184	3,522	20,170

NA - Not available

NURSERY PRODUCTS: NUMBER OF FARMS, ACRES IN OPEN AND SALES, BY COUNTY, 1964 AND 1969

County	Farms Reporting		Acres in Open		Sales Dollars	
	1964	1969	1964	1969	1964	1969
Barnstable	22	6	131	89	120,300	143,078
Berkshire	10	11	34	98	77,776	D
Bristol	25	16	169	379	275,714	668,546
Essex	29	14	247	499	554,863	623,684
Franklin	4	7	28	103	23,000	146,840
Hampden	25	18	270	222	424,378	443,774
Hampshire	13	1	51	60	63,308	94,120
Middlesex	46	17	707	583	1,229,646	1,091,395
Norfolk	24	10	158	102	233,876	274,122
Plymouth	21	6	180	98	286,659	251,900
Worcester	22	8	209	238	346,898	362,000
STATE	249	126	2,216	2,490	3,695,618	4,239,459

D - Data withheld to avoid disclosure of information for individual farms.

U.S. Census of Agriculture

FOREST PRODUCTS: NUMBER OF FARMS AND SALES, BY COUNTY, 1969

County	Standing Timber or Trees		Firewood & Fuelwood		Sawlogs & Veneer Logs		Pulpwood		Other Forest Products	
	Farms Rptg.	Sales Dollars	Farms Rptg.	Sales Dollars	Farms Rptg.	Sales Dollars	Farms Rptg.	Sales Dollars	Farms Rptg.	Sales Dollars
Barnstable	-		1	100	-		-		-	
Berkshire	15	33,918	3	900	4	6,664	2	111	13	48,102
Bristol	-		9	2,236	2	100	2	1,838	1	1,407
Essex	4	1,210	7	810	1	245	-		2	100
Franklin	17	28,322	6	2,322	16	16,017	1	150	40	85,739
Hampden	5	4,307	4	980	1	1,000	-		4	3,919
Hampshire	15	24,621	10	5,643	4	3,279	1	50	16	12,565
Middlesex	4	6,863	17	8,138	3	810	-		8	6,040
Norfolk	-		2	4,377	-		-		-	
Plymouth	11	26,841	7	13,720	3	1,630	2	135	1	1
Worcester	8	4,365	24	8,846	5	4,492	1	225	6	7,795
STATE	79	130,447	90	48,072	39	34,237	9	2,509	94	165,668

LIVESTOCK

CHICKENS 3 MONTHS OLD OR OLDER: NUMBER OF FARMS AND INVENTORY BY SIZE GROUPS, BY COUNTY, 1969

County	Chickens 3 mos. or older	1-99	100-399	400-1599	1600 & over	Hens & Pullets of laying age excl. started pullets
Barnstable						
No. of farms	12	5	2	3	2	10
Number	17,892	192	350	D	D	7,732
Berkshire						
No. of farms	72	48	9	6	9	67
Number	103,992	1,771	1,810	2,906	97,505	99,630
Bristol						
No. of farms	106	23	13	26	44	100
Number	328,738	579	2,500	24,014	301,645	286,253
Essex						
No. of farms	67	33	4	14	16	58
Number	108,504	667	787	12,080	94,970	104,965
Franklin						
No. of farms	66	46	3	8	9	58
Number	60,111	951	D	D	53,344	45,994
Hampden						
No. of farms	38	20	1	2	15	32
Number	131,277	359	300	1,150	129,468	128,283
Hampshire						
No. of farms	72	38	10	9	15	69
Number	175,532	878	1,508	7,892	165,254	148,123
Middlesex						
No. of farms	92	34	10	11	37	91
Number	644,911	1,015	1,954	7,594	634,348	519,516
Norfolk						
No. of farms	47	14	5	11	17	44
Number	162,384	572	1,340	9,334	151,138	138,333
Plymouth						
No. of farms	79	25	11	23	20	76
Number	201,780	788	1,475	21,096	178,421	162,565
Worcester						
No. of farms	139	60	16	18	45	125
Number	728,024	1,971	2,995	12,500	710,558	629,546
STATE						
No. of farms	803	354	85	132	232	742
Number	2,673,382	9,880	15,784	107,567	2,540,151	2,281,164

D - Data withheld to avoid disclosure of information for individual farms.

U.S. Census of Agriculture

HOGS AND SHEEP: NUMBER OF FARMS AND NUMBER OF HEAD, BY SIZE GROUP, BY COUNTY, 1969

County	Hogs and Pigs by Size Groups						Sheep and Lambs
	Total	1-24	25-49	50-99	100-199	200 & over	
Barnstable							
Farms reporting	-	-	-	-	-	-	1
Number of head	-	-	-	-	-	-	94
Berkshire							
Farms reporting	13	12	-	-	-	1	11
Number of head	299	D	-	-	-	D	398
Bristol							
Farms reporting	33	7	2	4	3	17	5
Number of head	10,599	64	84	325	426	9,700	55
Essex							
Farms reporting	12	3	2	1	1	5	6
Number of head	4,608	25	79	92	112	4,300	39
Franklin							
Farms reporting	21	18	1	-	-	2	12
Number of head	586	D	43	-	-	D	230
Hampden							
Farms reporting	9	5	-	1	1	2	9
Number of head	1,081	31	-	90	D	D	281
Hampshire							
Farms reporting	24	11	2	5	2	4	13
Number of head	2,206	59	D	354	D	1,450	995
Middlesex							
Farms reporting	27	9	2	2	5	9	11
Number of head	12,508	75	80	130	600	11,623	90
Norfolk							
Farms reporting	8	4	-	2	1	1	7
Number of head	1,060	D	-	164	D	D	458
Plymouth							
Farms reporting	13	6	1	-	1	5	14
Number of head	3,866	52	D	-	103	3,684	140
Worcester							
Farms reporting	37	11	4	1	3	18	16
Number of head	16,891	44	120	55	370	16,302	439
STATE							
Farms reporting	197	86	14	16	17	64	108
Number of head	53,704	468	491	1,210	2,226	49,309	3,868

D - Data withheld to avoid disclosure of information for individual farms.

U.S. Census of Agriculture

COWS: NUMBER OF HERDS AND NUMBER OF COWS, BY SIZE GROUP, BY COUNTY, 1969

County	Milk cows					Cows other than milk cows				
	Total on place	1-19	20-49	50-99	100 & over	Total on place	1-19	20-49	50-99	100 & over
Barnstable										
Farms reporting	2	1	1	-	-	1	1	-	-	-
Number	37	3	34	-	-	9	9	-	-	-
Berkshire										
Farms reporting	155	34	64	40	17	29	26	2	1	-
Number	7,673	271	2,279	2,646	2,477	273	153	60	60	-
Bristol										
Farms reporting	148	19	75	45	9	30	25	5	-	-
Number	8,200	195	2,364	3,039	2,602	302	174	128	-	-
Essex										
Farms reporting	72	26	31	11	4	18	15	3	-	-
Number	2,568	227	992	676	673	124	54	70	-	-
Franklin										
Farms reporting	200	46	118	26	10	47	43	2	2	-
Number	7,625	526	3,869	1,634	1,596	445	254	D	D	-
Hampden										
Farms reporting	109	27	69	13	-	22	15	6	-	1
Number	3,122	304	2,076	742	-	387	125	D	-	D
Hampshire										
Farms reporting	173	44	92	33	4	60	58	2	-	-
Number	6,156	338	2,941	2,178	699	524	457	67	-	-
Middlesex										
Farms reporting	87	27	43	11	6	23	16	6	-	1
Number	3,667	283	1,364	742	1,278	411	125	D	-	D
Norfolk										
Farms reporting	37	12	19	5	1	16	12	1	1	2
Number	1,213	134	644	D	D	552	94	49	D	D
Plymouth										
Farms reporting	67	13	31	14	9	13	11	1	1	-
Number	3,859	146	1,019	988	1,706	141	54	32	55	-
Worcester										
Farms reporting	321	64	179	64	14	60	52	5	2	1
Number	12,987	690	5,808	4,114	2,375	1,434	323	151	D	D
STATE										
Farms reporting	1,373	314	723	262	74	322	276	34	7	5
Number of head	57,129	3,119	23,410	17,034	13,566	4,632	1,832	939	492	1,369

D - Data withheld to avoid disclosure of information for individual farms.

MISCELLANEOUS TABLES

VALUE OF FARM PRODUCTS SOLD, BY PRODUCT, BY COUNTY, 1969

County	All farm products sold		Crops 1/	Forest products	Livestock & poultry and their products
	Value	Average per farm	Value	Value	Value
	Dollars		Dollars	Dollars	Dollars
Barnstable	1,469,525	12,668	1,277,270	220	192,035
Berkshire	8,319,532	21,893	823,396	95,490	7,400,646
Bristol	15,611,846	24,978	4,357,613	7,647	11,246,586
Essex	7,074,571	17,382	3,296,181	3,535	3,774,855
Franklin	13,520,857	24,583	6,774,779	140,368	6,605,710
Hampden	11,929,630	32,505	8,477,938	14,896	3,436,796
Hampshire	12,658,076	19,063	6,006,568	56,140	6,595,368
Middlesex	21,495,486	34,838	12,297,117	23,251	9,175,118
Norfolk	4,590,793	19,702	1,912,237	4,957	2,673,509
Plymouth	16,128,337	22,369	10,462,444	43,909	5,621,984
Worcester	25,009,910	25,365	5,440,155	40,212	19,529,543
STATE	138,649,782	24,312	61,859,426	430,625	76,359,731

1/ Including nursery products

FARM OPERATORS REPORTING DAYS OF WORK OFF FARM, BY COUNTY, 1964 AND 1969

County	1 to 49 days		50 to 99 days		100 to 199 days		200 days and over		Total	
	1964[1/]	1969	1964	1969	1964[2/]	1969	1964	1969	1964	1969
	Number									
Barnstable	29	7	14		112	4	61		141	86
Berkshire	34	23	13		152	20	127		186	183
Bristol	46	22	19		194	47	173		240	261
Essex	34	35	12		190	25	137		224	209
Franklin	66	42	18		218	55	185		284	300
Hampden	43	26	11		230	23	110		273	170
Hampshire	96	59	36		371	56	213		467	364
Middlesex	64	31	8		237	39	184		301	262
Norfolk	10	9	2		100	14	84		110	109
Plymouth	78	31	41		370	55	315		448	442
Worcester	109	50	18		549	89	333		658	490
STATE	616	335	193		2,756	433	1,931		3,372	2,892

1/ Includes all operators working off farm from 1-99 days.
2/ Includes all operators working off farm from 100 days or more.

NUMBER OF FARMS BY ECONOMIC CLASS, BY COUNTY, 1964 AND 1969

County	Class 1 $40,000 & over		Class 2 $20,000 to 39,999		Class 3 $10,000 to 19,999		Class 4 $5,000 to 9,999		Class 5 $2,500 to 4,999	
	1964	1969	1964	1969	1964	1969	1964	1969	1964	1969
Barnstable	14	10	4	9	21	17	27	9	26	17
Berkshire	50	69	81	70	82	24	48	28	37	30
Bristol	81	96	124	113	160	100	125	76	87	50
Essex	55	53	71	52	100	53	94	49	83	48
Franklin	40	55	107	100	149	88	93	35	50	56
Hampden	45	52	61	49	86	72	90	44	55	39
Hampshire	65	62	87	88	124	83	127	80	102	87
Middlesex	136	124	151	113	139	88	144	47	112	75
Norfolk	43	31	50	36	53	28	57	24	46	26
Plymouth	89	84	92	90	135	99	127	110	114	76
Worcester	139	133	201	155	279	143	229	93	123	100
STATE	760	774	1,035	880	1,339	800	1,166	600	853	611

	Class 6		Part time		Part retirement		Abnormal	
	1964	1969	1964	1969	1964	1969	1964	1969
Barnstable	19	3	59	34	49	16	1	1
Berkshire	33	26	98	95	54	37	-	1
Bristol	37	35	101	112	60	41	3	2
Essex	49	34	94	82	84	33	4	3
Franklin	28	34	129	136	54	45	-	1
Hampden	39	20	138	73	64	17	2	1
Hampshire	60	49	229	135	108	75	4	5
Middlesex	65	21	111	102	90	42	8	5
Norfolk	24	18	46	56	44	11	4	3
Plymouth	61	32	176	177	96	50	4	3
Worcester	73	54	285	233	133	64	11	11
STATE	496	329	1,484	1,241	845	432	41	36

Class 6 - Class 6 farms have a value of farm products sold of $50 to $2,499 and a farm operator under 65 years of age who did not work off the farm 100 days or more in the census year.

Part time - A farm with sales of $50 to $2,499 of farm products and a farm operator who is under 65 years of age and worked off the farm 100 days or more in the census year.

Part retirement - A farm with sales of $50 to $2,499 of farm products and a farm operator 65 years old or over.

Abnormal - Includes institutional farms, experimental and research farms and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, schools, grazing associations, government agencies, etc.

NUMBER OF FARMS, LAND IN FARMS, VALUE AND LAND USE BY COUNTY, 1964 AND 1969

County	Farms		Land in Farms		Average Size of Farms		Total Cropland		Harvested Cropland	
	1964	1969	1964	1969	1964	1969	1964	1969	1964	1969
	Number		Acres		Acres		Acres		Acres	
Barnstable	220	116	10,577	5,324	48.1	45.8	4,062	1,788	2,155	1,518
Berkshire	483	380	106,295	80,730	220.1	212.4	41,734	34,227	27,391	22,481
Bristol	778	625	57,810	46,203	74.3	73.9	26,154	24,522	18,035	16,314
Essex	634	407	48,891	39,253	77.1	96.4	24,845	17,245	16,407	12,572
Franklin	650	550	111,105	92,285	170.9	167.7	38,045	35,526	25,812	22,483
Hampden	580	367	67,060	45,908	115.6	125.0	23,253	19,584	16,894	12,420
Hampshire	906	664	94,049	80,851	103.8	121.7	41,593	35,579	28,710	24,317
Middlesex	956	617	67,010	49,473	70.1	80.1	31,250	22,967	20,590	16,547
Norfolk	367	233	22,969	17,755	62.6	76.2	9,414	7,656	5,726	5,007
Plymouth	894	721	104,895	78,961	117.3	109.5	28,027	19,942	19,079	15,146
Worcester	1,473	986	202,135	153,339	137.2	155.5	76,864	60,087	53,006	40,231
STATE	8,019	5,703	901,785	700,578	112.5	122.8	347,835	280,455	234,445	189,635

County	Value of land and buildings		Average per farm		Average per acre		Cropland used only for pasture or grazing	
	1964	1969	1964	1969	1964	1969	1964	1969
	Dollars		Dollars		Dollars		Acres	
Barnstable		6,568,899	52,084	56,628	1,049.85	1,233.82	403	140
Berkshire		26,585,919	39,384	69,962	179.21	329.31	9,394	9,289
Bristol		33,860,910	41,509	54,177	553.10	732.87	6,091	6,884
Essex		33,746,635	45,583	82,915	590.28	859.72	5,542	3,611
Franklin		28,946,749	30,532	52,630	177.59	313.66	10,107	10,230
Hampden	NA	24,310,815	38,594	66,242	339.96	529.55	3,749	4,912
Hampshire		34,350,829	33,018	51,733	308.75	424.86	10,265	8,377
Middlesex		64,018,210	66,616	103,757	936.01	1,294.00	6,667	5,146
Norfolk		19,831,180	51,051	85,112	785.03	1,116.93	3,063	1,946
Plymouth		52,906,090	51,810	73,378	425.23	670.02	4,085	3,713
Worcester		66,032,295	36,340	66,969	271.86	430.62	19,224	16,766
STATE		395,572,756	43,492	69,362	386.06	564.63	79,943	71,515

NA - Not available

County	Woodland including pasture		All other land		Irrigated land	
	1964	1969	1964	1969	1964	1969
	Acres		Acres		Acres	
Barnstable	4,480	2,080	2,041	1,456	1,465	1,121
Berkshire	46,514	36,231	18,044	10,272	105	16
Bristol	21,754	14,719	9,865	6,962	2,198	1,852
Essex	15,026	12,477	9,012	9,531	1,405	729
Franklin	58,440	47,783	14,604	8,976	429	481
Hampden	33,950	20,615	9,860	5,709	2,473	1,609
Hampshire	41,208	33,838	11,216	11,434	1,190	410
Middlesex	24,674	16,411	11,073	10,095	2,936	1,682
Norfolk	10,199	7,845	3,354	2,254	414	453
Plymouth	48,261	41,230	28,594	17,789	10,426	9,580
Worcester	98,414	71,908	26,845	21,344	894	717
STATE	404,768	309,842	149,063	110,281	24,178	18,850

U.S. Census of Agriculture

LIVESTOCK AND POULTRY SUMMARY: JANUARY 1, 1973, MASSACHUSETTS

CLASS	NUMBER ON FARMS	VALUE PER HEAD	TOTAL VALUE
	1,000	DOLS.	1,000 DOLS.
All cattle and calves	111	335.00	37,185
Beef cows	8	NA	NA
Milk cows	57	NA	NA
Heifers 500 pounds and over			
For beef cow replacements	2	NA	NA
For milk cow replacements	16	NA	NA
Other heifers	2	NA	NA
Steers 500 lbs. and over	2	NA	NA
Bulls 500 lbs. and over	2	NA	NA
Steers, heifers and bulls under 500 lbs.	22	NA	NA
All hogs and pigs (Dec. 1) 1/	66	37.00	2,442
All sheep and lambs	7.5	28.00	210
All chickens, excluding broilers 1/	3,057	1.40	4,280
Hens and pullets laying age 1/	2,412	NA	NA
Broilers 2/	200	NA	NA
All turkeys 3/	170	NA	NA
Mink 4/	6.7	NA	NA

1/ On farms December 1, 1972
2/ Total 1972 production
3/ Turkeys raised 1972
4/ Females bred in 1972
NA - Not available

ALL CROP SUMMARY: MASSACHUSETTS, 1972

CROP	PROD. UNIT	HARV. ACRES	YIELD PER ACRE	PRODUCTION	AVER. PRICE PER UNIT	VALUE OF PRODUCTION
		1,000		1,000	DOLLARS	1,000 DOLS.
Corn for silage	Tons	32	11.0	352	NA	NA
Tobacco, shade	Pounds	1.15	1,250	1,438	4.80	6,902
Tobacco, Havana seed	Pounds	.26	1,850	481	.62	298
Potatoes	Cwt.	3,700	160	592	NA	NA
Asparagus	Cwt.	500	23	12	29.60	355
Snap Beans	Cwt.	700	35	25	20.20	505
Cabbage	Cwt.	700	250	175	5.52	966
Carrots	Cwt.	200	210	42	9.46	397
Lettuce	Cwt.	350	145	51	13.20	673
Green Peppers	Cwt.	500	60	30	14.50	435
Tomatoes	Cwt.	700	190	133	17.70	2,354
Strawberries	Cwt.	250	40	10	43.50	435
Sweet Corn	Cwt.	7,100	75	533	6.93	3,694
Apples	42 lb. units			2,167	NA	NA
Peaches	48 lb. units			56	8.16	459
Cranberries	Barrels	10,900	75.2	820	NA	NA
All Hay	Tons	109	1.88	205	NA	NA
Alfalfa Hay	Tons	28	2.25	63	NA	NA
Other Hay	Tons	81	1.75	142	NA	NA
Maple Syrup 1/	Gals.			19	NA	NA
Honey	Pounds			171	.50	86

NA - Not available
1/ 1973 production

Statistical Reporting Service

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